

Northern[®]

RADIATOR



AGRICULTURAL • CONSTRUCTION • SKIDSTEER

OIL COOLERS

For Engine, Transmission, Hydraulic, Power Steering or Fuel Cooler Applications

QUICK REFERENCE GUIDE



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AGRICULTURAL OIL COOLER APPLICATIONS



MODEL OE# TYPE PART# NOTES

AGCO/ALLIS CHALMERS

185	70272180	H	190056
190	70272180	H	190056
190XT	70272180	H	190056
200	70272180	H	190056
210	70272180	H	190056
220	70272180	H	190056

CASE/IH TRACTORS

280	87312759	H	190038	SN Z6F105001 & After
330	87312759	H	190038	SN Z6F105001 & After
335	87312759	H	190038	8/07 & Newer
380	87312759	H	190038	SN Z6F105001 & After
385	87312759	H	190038	8/07 & Newer
430	87312759	H	190038	SN Z6F105001 & After
435	87312759	H	190038	8/07 & Newer
DX35	87301196	H	190023	SN HBA0005147 & After
DX35	87344149	H	190045	SN HBA015014 & After, Class-3 (01/04 to 01/08)
DX40	87301196, 86401869	H	190023	SN HBA0005162 & After
DX40	87344149	H	190045	SN HBA015001 & After, 08/03 & After, With & w/o Cab 07/06 & After
DX45	87301196, 86401869	H	190023	SN HBA0005151 & After
DX45	87344149	H	190045	SN HBA015008 & After, 11/03 & After, w/CAB 07/16 & After
FARMALL 40	87344149	H	190045	w/Rops & w/Cab, w/12" x 12" Gear & Hydrostatic Transmission
FARMALL 40B	87344149	H	190045	SN ZCME21001 & After, w/CVT Transmission, w/Cab
FARMALL 45	87344149	H	190045	w/Rops, Gear or Hydrostatic Transmission, w/CVT Transmission & w/Cab
FARMALL 45B	87344149	H	190045	
MX100	139870A1	C	400-706	
MX110	139870A1	C	400-706	
MX120	139870A1	C	400-706	
MX135	139870A1	C	400-706	
MX150	139870A1	C	400-706	
MX170	139870A1	C	400-706	
STX275	87312759	H	190038	SN JEE0099501 & After
STX280	87312759	H	190038	SN Z6F100023-Z6F105001 & After
STX325	87312759	H	190038	SN JEE0099501 & After
STX330	87312759	H	190038	SN Z6F100023-Z6F105001 & After
STX375	87312759	H	190038	SN JEE0099501 & After
STX380	87312759	H	190038	SN Z6F100023-Z6F105001 & After
STX425	87312759	H	190038	SN JEE0099501 & After
STX430	87312759	H	190038	SN Z6F100023-Z6F105001 & After
STX450	87312759	H	190038	SN JEE0099501 & After
STX500	87312759	H	190038	SN JEE0099501 & After

E = Engine T = Transmission H = Hydraulic C = Condenser/Oil Cooler F = Fuel P = Power Steering A = Axle CF = Condenser/Fuel Cooler Combo O = Oil



MODEL OE# TYPE PART# NOTES

CASE/IH COMBINES

2144	195441A2, 195441A3	H	190037	SN JJ0173150 & After
2166	195441A2, 195441A3	H	190037	SN JJC0180000
2188	195441A2, 195441A3	H	190037	SN JJC0191483 & After
2344	195441A2, 195441A3	H	190037	
2366	195441A2, 195441A3	H	190037	SN JJ0255699 & Before
2377	275094A4	CF	400-715	
2388	275096A2	E	190071	SN JJ0272999 & Before
2388	275094A4	CF	400-715	

FORD/NEW HOLLAND TRACTORS

T9030	87312759	H	190038	
T9040	87312759	H	190038	
TC35D	87301196, 86401869	H	190023	SN G505500 & After
TC35DA	87301196, 86401869	H	190023	
TC40D	87301196, 86401869	H	190023	SN G504855 & After
TC40DA	87301196, 86401869	H	190023	
TC45D	87301196, 86401869	H	190023	SN G505496 & After
TC45DA	87301196, 86401869	H	190023	
TJ380	87312759	H	190038	
TJ430	87312759	H	190038	
TJ450	87312759	H	190038	
TW5	E5NN19N656BA, D8NN19N656BC	C	400-630	10/83-12/89
TW10	E5NN19N656BA, D8NN19N656BC	C	400-630	1979 & After
TW10	D5NN19N656B	C	400-663	8/76-12/78
TW15	E5NN19N656BA, D8NN19N656BC	C	400-630	10/83-12/89
TW20	E5NN19N656BA, D8NN19N656BC	C	400-630	1979 & After
TW20	D5NN19N656B	C	400-663	8/76-12/78
TW25	E5NN19N656BA, D8NN19N656BC	C	400-630	10/83-12/89
TW30	D5NN19N656B	C	400-663	8/76-12/78
TW30	E5NN19N656AA, D8NN19N656AB	C	400-676	1/1/79 & Newer
2310	83902919	H/T	190022	1/1/81 & After w/8.3 GPM Pump
2600	83902919	H/T	190022	4/1/76 & After w/8.3 GPM Pump
2600N	83902919	H/T	190022	4/1/76 & After w/8.3 GPM Pump
2600R	83902919	H/T	190022	4/1/76 & After w/8.3 GPM Pump
2600V	83902919	H/T	190022	4/1/76 & After w/8.3 GPM Pump
2610	83902919	H/T	190022	1/1/81 & After
2610N	83902919	H/T	190022	1/1/81 & After
2610V	83902919	H/T	190022	1/1/81 & After
2810	83902919	H/T	190022	1/1/81 & After
2910	83902919	H/T	190022	1/1/83 & After
3040	87301196, 86401869	H/T	190023	Boomer, w/Hydraulic Transmission
3045	87301196, 86401869	H/T	190023	Boomer, w/Hydraulic Transmission
3230	83902919	H/T	190022	3/1/90 & After
3430	83902919	H/T	190022	3/1/90 & After



AGRICULTURAL OIL COOLER APPLICATIONS



MODEL OE# TYPE PART# NOTES

FORD/NEW HOLLAND TRACTORS

3600	83902919	H/T	190022	4/1/76 & After w/8.3 GPM Pump
3600N	83902919	H/T	190022	4/1/76 & After w/8.3 GPM Pump
3600NO	83902919	H/T	190022	4/1/76 & After w/8.3 GPM Pump
3600R	83902919	H/T	190022	4/1/76 & After w/8.3 GPM Pump
3600V	83902919	H/T	190022	4/1/76 & After w/8.3 GPM Pump
3610	83902919	H/T	190022	1/1/81 & After w/8.3 GPM Pump
3610NO	83902919	H/T	190022	1/1/81 & After w/8.3 GPM Pump
3610V	83902919	H/T	190022	1/1/81 & After w/8.3 GPM Pump
3910	83902919	H/T	190022	12/83 & After
3910H	83902919	H/T	190022	1/1/83 & After
3910N	83902919	H/T	190022	1/1/83 & After
3910R	83902919	H/T	190022	1/1/81 & After
3910V	83902919	H/T	190022	12/83 & After
3930	83902919	H/T	190022	3/1/90 & After
3930H	83902919	H/T	190022	3/1/90 & After
3930N	83902919	H/T	190022	3/1/90 & After
3930NO	83902919	H/T	190022	3/1/90 & After
4110	83902919	H/T	190022	1/1/81 & After
4110N	83902919	H/T	190022	1/1/81 & After
4110NO	83902919	H/T	190022	1/1/81 & After
4110O	83902919	H/T	190022	1/1/81 & After
4110V	83902919	H/T	190022	1/1/81 & After
4130	83902919	H/T	190022	3/1/90 & After
4130N	83902919	H/T	190022	3/1/90 & After
4130NO	83902919	H/T	190022	3/1/90 & After
4600	83902919	H/T	190022	4/1/76 & After w/8.3 GPM Pump
4600NO	83902919	H/T	190022	w/8.3 GPM Pump
4600O	83902919	H/T	190022	w/8.3 GPM Pump
4600SU	83902919	H/T	190022	w/8.3 GPM Pump
4610	83902919	H/T	190022	1/1/81 & After
4610N	83902919	H/T	190022	1/1/81 & After
4610NO	83902919	H/T	190022	1/1/81 & After
4610O	83902919	H/T	190022	1/1/81 & After
4610SU	83902919	H/T	190022	1/1/81 & After
4610V	83902919	H/T	190022	1/1/81 & After
4630	83902919	H/T	190022	3/1/90 & After
4630N	83902919	H/T	190022	3/1/90 & After
4630NO	83902919	H/T	190022	3/1/90 & After
4630O	83902919	H/T	190022	3/1/90 & After
4830	83902919	H/T	190022	7/1/90 & After
4830N	83902919	H/T	190022	7/1/90 & After
4830O	83902919	H/T	190022	7/1/90 & After
5030	83902919	H/T	190022	
5030O	83902919	H/T	190022	



MODEL OE# TYPE PART# NOTES

FORD/NEW HOLLAND TRACTORS

5110	83954673	P	190055	
5110	D8NN19N656BC, E1NN19N656BA15M	C	400-629	1/1/81 & Newer
5600	83902919	A/T	190022	w/8.3 GPM Pump
5610	83954673	P	190055	
5610	D8NN19N656BC, E1NN19N656BA15M	C	400-629	1/1/81 & Newer
6410	83954673	P	190055	
6410	D8NN19N656BC, E1NN19N656BA15M	C	400-629	1/1/82 & Newer
6600	83902919	H/T	190022	w/8.3 GPM Pump
6600	D8NN19N656BC, E1NN19N656BA15M	C	400-629	1/1/77 & Newer
6600C	83902919	H/T	190022	w/8.3 GPM Pump
6600O	83902919	H/T	190022	w/8.3 GPM Pump
6610	83954673	P	190055	
6610	D8NN19N656BC, E1NN19N656BA15M	C	400-629	1/1/81 & Newer
6610O	83954673	P	190055	
6700	D8NN19N656BC, E1NN19N656BA15M	C	400-629	1/1/77 & Newer
6710	D8NN19N656BC, E1NN19N656BA15M	C	400-629	1/1/81 & Newer
6810	D8NN19N656BC, E1NN19N656BA15M	C	400-629	1/1/81 & Newer
7410	D8NN19N656BC, E1NN19N656BA15M	C	400-629	1/1/81 & Newer
7600	83902919	H/T	190022	w/8.3 GPM Pump
7600	D8NN19N656BC, E1NN19N656BA15M	C	400-629	1/1/77 & Newer
7600C	83902919	H/T	190022	w/8.3 GPM Pump
7610	83954673	P	190055	
7610	D8NN19N656BC, E1NN19N656BA15M	C	400-629	1/1/81 & Newer
7610O	83954673	P	190055	
7700	D8NN19N656BC, E1NN19N656BA15M	C	400-629	1/1/77 & Newer
7710	D8NN19N656BC, E1NN19N656BA15M	C	400-629	1/1/81 & Newer
7910	D8NN19N656BC, E1NN19N656BA15M	C	400-629	1/1/82 & Newer
8000	D5NN19N656B	C	400-663	10/1/76 & After
8210	E1NN19710AA		TBA	1982-12/89
8530	E5NN19N656BA, D8NN19N656BC	C	400-630	1/90 & After
8630	E5NN19N656BA, D8NN19N656BC	C	400-630	1/90 & After
8700	E5NN19N656BA, D8NN19N656BC	C	400-630	1979 & After
8700	D5NN19N656B	C	400-663	8/76-12/31/78
8730	E5NN19N656AA, D8NN19N656AB	C	400-676	1/1/90 & After
9000	D5NN19N656B	C	400-663	10/1/76 & After
9700	E5NN19N656BA, D8NN19N656BC	C	400-630	1979 & After
9700	D5NN19N656B	C	400-663	8/76-12/78

INGERSOLL-RAND COMPRESSORS SEE CONSTRUCTION SECTION ON PAGE 13

INTERNATIONAL TRACTOR

786	104740C1, 104238C1	T	190048	With A/C
786	120300C1	T	190091	Without A/C



AGRICULTURAL OIL COOLER APPLICATIONS

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MODEL OE# TYPE PART# NOTES

INTERNATIONAL TRACTOR

886	104740C1, 104238C1	T	190048	With A/C
886	120300C1	T	190091	Without A/C
986	104740C1, 104238C1	T	190048	With A/C
966	120300C1	T	190091	Without A/C
986	120300C1	T	190091	Without A/C
1066	120300C1	T	190091	Without A/C
1086	104740C1, 104238C1	T	190048	With A/C
1086	120300C1	T	190091	Without A/C
1466	120300C1	T	190091	Without A/C
1468	120300C1	T	190091	Without A/C
1486	104740C1, 104238C1	T	190048	With A/C
1586	104740C1, 104238C1	T	190048	With A/C

JOHN DEERE TRACTORS

F710	AM105321	H	190061	Front Mower
F725	AM105321	H	190061	Front Mower
F725	AM105321	H	190061	Front Mower
F1145	AM101957	O	190042	Front Mower
SE6510	AL119567, AL78410	C	400-702	Euro Edition
SE6610	AL119567, AL78410	C	400-702	Euro Edition
655	AM102152	O	190058	Compact Utility
755	AM101957	O	190042	Compact Utility
855	AM101957	O	190042	Compact Utility
955	AM101957	O	190042	Compact Utility
1420	AM101957	O	190042	Front Mower, SN 020000 & Before
1435	AM101957	O	190042	Front Mower, SN 020000 & Before
1445	AM101957	O	190042	Front Mower, SN 020000 & Before
2155	AL66517	H	190035	SN 622000-716496 John Deere Hose Part No. L64231 Needed. Must order from dealer.
2155	AL66517	H	190035	SN 716497 & After
2243	AM105321	H	190061	Professional Greens Mower, Gas
2355	AL66517	H	190035	
2355N	AL66517	H	190035	SN 622000-716496 John Deere Hose Part No. L64231 Needed. Must order from Dealer.
2355N	AL66517	H	190035	SN 716497 & After
2555	AL66517	H	190035	Hydraulic
2653A	AMT1539	H	190087	Professional Utility Mower, Diesel, SN 060001 & After
2755	AL66517	H	190035	
2285N	AL66517	H	190035	
2955	AL66517	H	190035	
3055	AL66517	H	190035	
3155	AL66517	H	190035	
3255	AL66517	H	190035	
3325	AM101957	O	190042	Professional Turf Mower

E = Engine T = Transmission H = Hydraulic C = Condenser/Oil Cooler F = Fuel P = Power Steering A = Axle CF = Condenser/Fuel Cooler Combo O = Oil

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AGRICULTURAL
OIL COOLER
APPLICATIONS



MODEL	OE#	TYPE	PART#	NOTES
JOHN DEERE TRACTORS				
3365	AM101957	O	190042	Professional Turf Mower
4040	AR61885	C	400-605	
4040	AR61885	C	400-605	Euro Edition
4050	AR96902	H	190072	
4050	AR96901	C	400-612	
4055	AR96902	H	190072	Without A/C
4055	AR96901	C	400-612	
4230	AR61885	C	400-605	
4240	AR96767	C	400-608	
4240	AR80128	H	190090	
4240	AR61885	C	400-605	Euro Edition
4250	AR96902	H	190072	
4250	AR96901	C	400-612	
4255	AR96902	H	190072	Without A/C
4255	AR96901	C	400-612	
4430	AR61885	C	400-605	
4440	AR96767	C	400-608	
4440	AR80128	H	190090	
4440	AR61885	C	400-605	Euro Edition
4450	AR96902	H	190072	
4450	AR96901	C	400-612	
4455	AR96902	H	190072	Without A/C
4455	AR96901	C	400-612	
4555	AR96902	H	190072	Without A/C
4555	AR96901	C	400-612	
4560	AR96902	H	190072	Without A/C
4560	AR96901	C	400-612	
4630	AR61885	C	400-605	
4640	AR96767	C	400-608	
4640	AR80128	H	190090	
4650	AR96902	H	190072	Without A/C
4650	AR96901	C	400-612	
4755	AR96902	H	190072	Without A/C
4755	AR96901	C	400-612	
4760	AR96902	H	190072	Without A/C
4760	AR96901	C	400-612	
4840	AR79857	C	400-678	
4850	AR112966, AR96903	C	400-634	
4955	AR96902	H	190072	Without A/C
4955	AR112966, AR96903	C	400-634	
4960	AR112966, AR96903	C	400-634	
6010	AL119566, AL111999, AL77977, AL112424	C	400-695	North American & Euro Editions
6100	AL119566, AL111999, AL77977, AL112424	C	400-695	



AGRICULTURAL OIL COOLER APPLICATIONS

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MODEL OE# TYPE PART# NOTES

JOHN DEERE TRACTORS

6100	AL119566, AL111999, AL77977, AL112424	C	400-695	Euro Edition
6110	AL119566, AL111999, AL77977, AL112424	C	400-695	North American & Euro Edition
6200	AL119566, AL111999, AL77977, AL112424	C	400-695	SN 175248 & After
6200	AL119566, AL111999, AL77977, AL112424	C	400-695	Euro Edition
6200L	AL119566, AL111999, AL77977, AL112424	C	400-695	
6210	AL119566, AL111999, AL77977, AL112424	C	400-695	
6210	AL119566, AL111999, AL77977, AL112424	C	400-695	Euro Edition
6300	AL119566, AL111999, AL77977, AL112424	C	400-695	
6300	AL119566, AL111999, AL77977, AL112424	C	400-695	Euro Edition
6300L	AL119566, AL111999, AL77977, AL112424	C	400-695	
6310	AL119566, AL111999, AL77977, AL112424	C	400-695	
6310	AL119566, AL111999, AL77977, AL112424	C	400-695	Euro Edition
6310S	AL119566, AL111999, AL77977, AL112424	C	400-695	North American & Euro Edition
6400	AL119566, AL111999, AL77977, AL112424	C	400-695	
6400	AL119566, AL111999, AL77977, AL112424	C	400-695	Euro Edition
6400L	AL119566, AL111999, AL77977, AL112424	C	400-695	
6405	AL119566, AL111999, AL77977, AL112424	C	400-695	
6410	AL119566, AL111999, AL77977, AL112424	C	400-695	North American
6410	AL119566, AL111999, AL77977, AL112424	C	400-695	Euro Edition
6410S	AL119566, AL111999, AL77977, AL112424	C	400-695	
6500	AL119566, AL111999, AL77977, AL112424	C	400-695	
6500L	AL119566, AL111999, AL77977, AL112424	C	400-695	
6506	AL119567, AL78410	C	400-702	Euro Edition
6506	AL150026, AL161960	C	400-703	Euro Edition
6510	AL119567, AL78410	C	400-702	Euro Edition
6510	AL150026, AL161960	C	400-703	Euro Edition
6510S	AL119566, AL111999, AL77977, AL112424	C	400-695	North American & Euro Edition
6600	AL119567, AL78410	C	400-702	Euro Edition
6600	AL150026, AL161960	C	400-703	Euro Edition
6605	AL119567, AL78410	C	400-702	
6610	AL119567, AL78410	C	400-702	Euro Edition
6610	AL150026, AL161960	C	400-703	Euro Edition
6800	AL150026, AL161960	C	400-703	Euro Edition
6800	AL119567, AL78410	C	400-702	Euro Edition
6810	AL150026, AL161960	C	400-703	Euro Edition
6810	AL119567, AL78410	C	400-702	Euro Edition
6900	AL150026, AL161960	C	400-703	Euro Edition
6900	AL119567, AL78410	C	400-702	Euro Edition
6910	AL150026, AL161960	C	400-703	Euro Edition
6910	AL119567, AL78410	C	400-702	Euro Edition
6910S	AL150026, AL161960	C	400-703	Euro Edition
6910S	AL119567, AL78410	C	400-702	Euro Edition
7200	RE55139	C	400-699	
7210	RE55139	C	400-699	



MODEL	OE#	TYPE	PART#	NOTES
JOHN DEERE TRACTORS				
7400	RE55139	C	400-699	
7410	RE55139	C	400-699	
7510	RE55139	C	400-699	
7600	RE34166	C	400-698	
7610	RE34166	C	400-698	
7700	RE34166	C	400-698	
7710	RE34166	C	400-698	SN 089999 & Before
7720	RE181894	CF	400-743	
7800	RE34166	C	400-698	
7810	RE34166	C	400-698	SN 089999 & Before
7820	RE181894	CF	400-743	
7920	RE181894	CF	400-743	
8100	RE66573	C	400-696	SN 010000 & After
8100	RE63468	C	400-697	SN 001801-009999
8100T	RE66573	C	400-696	
8110T	RE66573	C	400-696	
8110	RE66573	C	400-696	
8120	RE221652, RE183330	H	190081	SN 014425 & Before
8120	RE183331	C	400-740	SN 014425 & Before
8120	RE222984, RE218194	C	400-747	SN 014426 & After
8120T	RE221652, RE183330	H	190081	SN 902343 & Before
8120T	RE183331	C	400-740	SN 902343 & Before
8120T	RE222984, RE218194	C	400-747	SN 902344 & After
8200	RE66573	C	400-696	SN 010000 & After
8200	RE63468	C	400-697	SN 009999 & Before
8200T	RE66573	C	400-696	
8210	RE66573	C	400-696	
8210T	RE66573	C	400-696	
8220	RE221652, RE183330	H	190081	SN 014425 & Before
8220	RE183331	C	400-740	SN 014425 & Before
8220	RE222984, RE218194	C	400-747	SN 014426 & After
8220T	RE221652, RE183330	H	190081	SN 902343 & Before
8220T	RE183331	C	400-740	SN 902343 & Before
8220T	RE222984, RE218194	C	400-747	SN 902344 & After
8300	RE66573	C	400-696	SN 010000 & After
8300	RE63468	C	400-697	SN 009999 & Before
8300T	RE66573	C	400-696	
8310	RE66573	C	400-696	
8310T	RE66573	C	400-696	
8320	RE221652, RE183330	H	190081	SN 014425 & Before
8320	RE183331	C	400-740	SN 014425 & Before
8320	RE222984, RE218194	C	400-747	SN 014426 & After
8320T	RE221652, RE183330	H	190081	SN 902343 & Before



AGRICULTURAL OIL COOLER APPLICATIONS

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MODEL	OE#	TYPE	PART#	NOTES
JOHN DEERE TRACTORS				
8320T	RE183331	C	400-740	SN 902343 & Before
8320T	RE222984, RE218194	C	400-747	SN 902344 & After
8400	RE66573	C	400-696	SN 010000 & After
8400	RE63468	C	400-697	SN 009999 & Before
8400T	RE66573	C	400-696	
8410	RE66573	C	400-696	
8410T	RE66573	C	400-696	
8420	RE221652, RE183330	H	190081	SN 014425 & Before
8420	RE183331	C	400-740	SN 014425 & Before
8420	RE222984, RE218194	C	400-747	SN 014426 & After
8420T	RE221652, RE183330	H	190081	SN 902343 & Before
8420T	RE183331	C	400-740	SN 902343 & Before
8420T	RE222984, RE218194	C	400-747	SN 902344 & After
8520	RE221652, RE183330	H	190081	SN 014425 & Before
8520	RE183331	C	400-740	SN 014425 & Before
8520	RE222984, RE218194	C	400-747	SN 014426 & After
8520T	RE221652, RE183330	H	190081	SN 902343 & Before
8520T	RE183331	C	400-740	SN 902343 & Before
8520T	RE222984, RE218194	C	400-747	SN 902344 & After
8560	RE28764	CF	400-744	
8640	AR85880	C	400-745	
8760	RE28764	CF	400-744	
8960	RE28764	CF	400-744	
9200	RE68972	A	190066	
9300	RE68972	A	190066	
9400	RE68972	A	190066	
JOHN DEERE COMBINES				
CTS	AH140472, AH120854	C	400-746	
CTS	AH149588, AH145232	C	400-705	Includes Euro Edition
CTS II	AH149588, AH145232	C	400-705	Includes Euro Edition
6600	AH98812	H	190057	SN 304001 & After, Hydrostatic Drive System
6602	AH98812	H	190057	SN353900 & Before, Hydrostatic Drive System
6620	AH98812	H	190057	Hydrostatic Drive System
6622	AH98812	H	190057	Hydrostatic Drive System
7700	AH98812	H	190057	Hydrostatic Drive System
7720	AH98812	H	190057	Hydrostatic Drive System
8820	AH98812	H	190057	Hydrostatic Drive System
9400	AH140472, AH120854	C	400-746	
9400	AH140472, AH120854	C	400-748	SN 665100 & Before
9400	AH149588, AH145232	C	400-705	SN 665101 & After
9410	AH149588, AH145232	C	400-705	
9450	AH149588, AH145232	C	400-705	

E = Engine T = Transmission H = Hydraulic C = Condenser/Oil Cooler F = Fuel P = Power Steering A = Axle CF = Condenser/Fuel Cooler Combo O = Oil

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MODEL OE# TYPE PART# NOTES

JOHN DEERE COMBINES

9500	AH140472, AH120854	C	400-746	w/190HP Engine
9500	AH140472, AH120854	C	400-748	SN 665200 & Before
9500	AH149588, AH145232	C	400-705	SN 665201 & After
9500SH	AH140472, AH120854	C	400-748	SN 665200 & Before
9500SH	AH149588, AH145232	C	400-705	SN 665201 & After
9510	AH149588, AH145232	C	400-705	
9510SH	AH149588, AH145232	C	400-705	
9550	AH149588, AH145232	C	400-705	SN 700200 & Before
9550SH	AH149588, AH145232	C	400-705	SN 700700 & Before
9600	AH140472, AH120854	C	400-746	w/190HP Engine
9600	AH140472, AH120854	C	400-748	SN 665400 & Before, w/253HP Engine
9600	AH149588, AH145232	C	400-705	
9610	AH149588, AH145232	C	400-705	
9650	AH149588, AH145232	C	400-705	SN 695300 & Before
9780 CTS	AH149588, AH145232	C	400-705	SN 071443-072697
9780 HM	AH149588, AH145232	C	400-705	
9780 HM CTS	AH149588, AH145232	C	400-705	SN 071443-072697

JOHN DEERE COTTON PICKERS

9960	AN194102, AN194635	C	400-751	
9965	AN194102, AN194635	C	400-751	
9970	AN194102, AN194635	C	400-751	

JOHN DEERE FORAGE HARVESTERS

5200	AE30765	H	190021	Hydrostatic Drive System
5400	AE30765	H	190021	Hydrostatic Drive System
5420	AE30765	H	190021	European, Hydrostatic Drive System
5440	AE30765	H	190021	Hydrostatic Drive System
5440	AE30765	H	190021	European, Hydrostatic Drive System
5460	AE30765	H	190021	Hydrostatic Drive System
5720	AE30765	H	190021	Hydrostatic Drive System
5730	AE30765	H	190021	Hydrostatic Drive System
5820	AE30765	H	190021	Hydrostatic Drive System
5830	AE30765	H	190021	Hydrostatic Drive System
7200	RE28764	CF	400-744	
7250	RE28764	CF	400-744	
7300	RE28764	CF	400-744	
7350	RE28764	CF	400-744	
7400	RE28764	CF	400-744	SN 507479 & After
7450	RE28764	CF	400-744	
7500	RE28764	CF	400-744	SN 507479 & After
7550	RE28764	CF	400-744	
7700	RE28764	CF	400-744	SN 507479 & After



AGRICULTURAL OIL COOLER APPLICATIONS



MODEL	OE#	TYPE	PART#	NOTES
JOHN DEERE FORAGE HARVESTERS				
7750	RE28764	CF	400-744	
7800	RE28764	CF	400-744	SN 507479 & After
7850	RE28764	CF	400-744	
7950	RE28764	CF	400-744	w/Cummins QSK19 Engine
JOHN DEERE FORESTRY SKIDDERS				
540E	AT184041	T	190043	Without A/C
540G	AT184041	T	190043	
540GII	AT184041	T	190043	SN 56585-576602
540GIII	AT184041	T	190043	SN 576603-604613, Cable Skidder
548E	AT184041	T	190043	Grapple Skidder, Without A/C
548G	AT184041	T	190043	Grapple Skidder
548GII	AT184041	T	190043	SN 56585-576602, Grapple Skidder
548GIII	AT184041	T	190043	SN 576603-604613, Grapple Skidder
560D	AT184041	T	190043	SN 586336 & Before, Grapple Skidder
640E	AT184041	T	190043	With or Without A/C
640G	AT184041	T	190043	
640GII	AT184041	T	190043	SN 565685-576602
640GIII	AT184041	T	190043	SN 576603-604613, Cable Skidder
648E	AT184041	T	190043	Grapple Skidder, With or Without A/C
648G	AT184041	T	190043	Grapple Skidder
648GII	AT184041	T	190043	SN 565685-576602, Grapple Skidder
648GIII	AT184041	T	190043	SN 576603-604613, Grapple Skidder
740E	AT184041	T	190043	With or w/o A/C
740G	AT184041	T	190043	
748E	AT184041	T	190043	Grapple Skidder, With or Without A/C
748G	AT184041	T	190043	SN 565684, Grapple Skidder
748GII	AT184041	T	190043	SN 565685-576602, Grapple Skidder
748GIII	AT184041	T	190043	SN 576603-604613, Grapple Skidder
JOHN DEERE SPRAYERS				
4720	RE218283	H	190086	
4720	RE181894	C	400-743	Condenser/Fuel Cooler Combo
STEIGER TRACTORS				
280	87312759	H	190038	SN Z6F105001 & After
330	87312759	H	190038	SN Z6F105001 & After
335	87312759	H	190038	8/07 & NEWER
380	87312759	H	190038	SN Z6F105001 & After
385	87312759	H	190038	8/07 & NEWER
430	87312759	H	190038	SN Z6F105001 & After
435	87312759	H	190038	8/07 & NEWER
TORO				
6500D	1143995	H	190084	REELMASTER, Four Wheel Drive, SN 70157-79999



MODEL	OE#	TYPE	PART#	NOTES
BOBCAT				
430	6683316	H	190020	SN 56301101 & Before, 562511001 & Before, 562711001 & Before, 562911001 & Before, AA8711001 & Before, AA8811001 & Before, AACF11001 & Before, AACG11001 & Before
430D	6683316	H	190020	Series, Excavator
430G	6683316	H	190020	Series, Excavator
435	6683316	H	190020	SN 562611001 & Before, 562811001 & Before, 563111001 & Before, 563211001 & Before, AA8A11001 & Before, AA8911001 & Before, AACB11001 & Before, AACD11001 & Before
435D	6683316	H	190020	Series, Excavator
435G	6683316	H	190020	Series, Excavator
CASE/IH				
570LXT	277114A1, 231280A1	H	190041	
570LXT	233817A1	H	190040	Series 2 Backhoe w/o A/C
570LXT	320877A1	H	190047	Series 2 Backhoe w/o A/C
570MXT	320877A1	H/T	190077	w/o A/C
580K	A184542	H	190039	Backhoe, SN JYG0020000 & After, Standard Duty Oil Cooler For Hydraulic Equipment & Power Shuttle
580L	233817A1	H	190040	
580L	277114A1, 231280A1	H	190041	
580L	233817A1	H	190040	Series 2 w/o A/C, w/Flared Fittings at Cooler
580L	320877A1	H	190047	Series 2 w/o A/C, w/Cut Hoses at Cooler
580SE	A171876	H	190046	Backhoe, For Oil Cooler Lines w/Straight Connections
580SK	A184542	H	190039	Backhoe, Standard Duty Oil Cooler For Hydraulic Equipment & Power Shuttle
580SL	233817A1	H	190040	
580	87598494, 89511010	F	190068	Super M Series 3 Backhoe
580	87598494, 89511010	F	190068	Super M Plus Series 3 Backhoe
580SL	277114A1, 231280A1	H	190041	
590SL	277114A1, 231280A1	H	190041	
590	87598494, 89511010	F	190068	Super M Series 3 Backhoe
590	87598494, 89511010	F	190068	Super M Plus Series 3 Backhoe
590	100725A1, A190640	E	190073	Turbo Backhoe
CUMMINS DIESEL ENGINES				
5.7L, 5.9L	4930582, 68004317AA, 05086946AA, 05086946AB 05191791AA, 5191791AA, 5086946AA, 5086946AB		190052	Fits Dodge Ram Diesel Applications, Torque Converter
CATERPILLAR				
938H	2822024	H	190085	Wheel Loader
IT38	2822024	H	190085	Wheel Loader
FORD/NEW HOLLAND				
230A	83902919	H/T	190022	1/1/81 - 2/28/90, With or Without Cab
231	83902919	H/T	190022	1/75 - 12/81



CONSTRUCTION OIL COOLER APPLICATIONS



MODEL	OE#	TYPE	PART#	NOTES
FORD / NEW HOLLAND				
233	83902919	H/T	190022	4/1/76 & After, w/8.3 GPM Pump
234	83902919	H/T	190022	1/1/81 & After, With or Without Cab
333	83902919	H/T	190022	4/1/76 & After, w/8.3 GPM Pump
334	83902919	H/T	190022	1/1/81 & After
335	83902919	H/T	190022	4/1/76 & After w/8.3 GPM Pump, 4/81 & After With or Without Cab
455C	E9NN3D746AA15M	P	190059	Backhoe
455D	E9NN3D746AA15M	P	190059	Backhoe
530A	83902919	H/T	190022	1/1/81 & After
531	83902919	H/T	190022	4/1/76 & After w/8.3 GPM Pump
532	83902919	H/T	190022	4/1/76 & After w/8.3 GPM Pump
555C	E9NN3D746AA15M	P	190059	
555D	E9NN3D746AA15M	P	190059	Backhoe
575D	E9NN3D746AA15M	P	190059	Backhoe
655C	E9NN3D746AA15M	P	190059	Backhoe
655D	E9NN3D746AA15M	P	190059	Backhoe
675D	E9NN3D746AA15M	P	190059	Backhoe
GEHL				
SL3635	191027	H	190026	SN 00001175 & After
SL3635	17035065	H	190025	SN 00001174 & Before
SL3640E	191027	H	190026	SN 003700 & Before
SL3840E	191027	H	190026	SN 004000 & Before
SL3935	191027	H	190026	SN 00001337 & After
SL3935	17035065	H	190025	SN 00001336 & Before
INGERSOLL-RAND				
INFINITY COMPRESSOR		O	190001	
PEGASUS COMPRESSOR		O	190002	
VARIABLE MODELS		O	190000	
JOHN DEERE				
210LE	AT141197	H	190074	Landscape Loader
300D	AT141197	H	190074	Backhoe
310C	AT135264	H	190079	Backhoe, 6 Lines
310D	AT141197	H	190074	Backhoe
315C	AT135264	H	190079	Backhoe, Side Shift Model, 6 Lines
315CH	AT135264	H	190079	Backhoe, 6 Lines
315D	AT141197	H	190074	Backhoe
410B	AT69015, AT100980	H	190044	Backhoe, w/o A/C
410C	AT69015, AT100980	H	190044	Backhoe, w/o A/C
410D	AT149850	H	190060	Backhoe, SN 796854 & Before
410D	AT169357	H/T	190065	Backhoe, SN 801200 & After
444D	AT81814	H	190069	Wheel Loader, SN 511715 & After

CONSTRUCTION
OIL COOLER
APPLICATIONS



MODEL	OE#	TYPE	PART#	NOTES
JOHN DEERE				
444H	AT220514	T	190050	Wheel Loader, SN 571450 & Before
444H	AT221009	H/T	190077	Wheel Loader, SN 571451 & After
444H	AT221009	H/T	190077	Log Loader, SN 571451 & After
450G	AT113270	H/T	190054	Crawler Dozer
450G	AT104588	H	190078	Crawler Dozer, Direct Drive Machines Only
455G	AT104588	T	190078	Crawler Dozer, Direct Drive Machines Only
455G	AT113270	T	190054	Crawler Dozer
510B	AT69015, AT100980	H	190044	Backhoe, Without A/C
510C	AT69015, AT100980	H	190044	Backhoe, Without A/C
510D	AT149850	H/T	190060	Backhoe, SN 796854 & Before
510D	AT169357	H	190065	Backhoe, SN 801200 & After
544D	AT81814	T	190069	Wheel Loader, SN 511715 & After
544E	AT102874	T	190053	Wheel Loader
544ER	AT102874	T	190053	Wheel Loader
544ELL	AT102874	T	190053	Log Loader
544GLL	AT102874	T	190053	Log Loader
544ETC	AT102874	T	190053	Tool Carrier
544GTC	AT102874	T	190053	Tool Carrier
544G	AT102874	T	190053	Wheel Loader
544H	AT221009	H/T	190077	Wheel Loader, SN 571440 & After
544H	AT221009	H/T	190077	Log Loader, SN 571440 & After
544H	AT220514	E	190050	Wheel Loader, SN 571439 & Before
550G	AT113270	H	190054	Crawler Dozer
550G	AT104588	T	190078	Crawler Dozer, Direct Drive Machines Only
555G	AT104588	T	190078	Crawler Dozer, Direct Drive Machines Only
555G	AT113270	H	190054	Crawler Dozer,
624E	AT102874	T	190053	Wheel Loader
624G	AT102874	T	190053	Wheel Loader
624H	AT220515	T	190049	Wheel Loader, SN 581890 & Before
624H	AT210386	H	190067	Wheel Loader, SN 581890 & Before
624H	AT223399	H	190070	Wheel Loader, SN 581891 & After
624HLL	AT210386	H	190067	Log Loader, SN 581890 & Before
624HLL	AT220515	T	190049	Log Loader, SN 581890 & Before
624HLL	AT223399	H	190070	Log Loader, SN 581891 & After
643	AT116051	T	190075	Feller Buncher, SN 519834 & After
643D	AT116051	T	190075	Feller Buncher
644D	AT81814	T	190069	Wheel Loader, SN 511715 & After
644E	AT116051	T	190075	Wheel Loader, SN 519834 & After
644ER	AT116051	T	190075	Wheel Loader, SN 519834 & After
644EZ	AT116051	T	190075	Wheel Loader, SN 519834 & After
644G	AT116051	T	190075	Wheel Loader
650G	AT113270	H	190054	Crawler Dozer
650G	AT104588	T	190078	Crawler Dozer, Direct Drive Machines Only
690ELC	AT152152	H	190062	Excavator



CONSTRUCTION OIL COOLER APPLICATIONS



MODEL	OE#	TYPE	PART#	NOTES
JOHN DEERE				
744H	AT202617	H/T	190076	Wheel Loader, SN 581927 & Before
TC44H	AT220514	E	190050	Tool Carrier, SN 571450 & Before
TC44H	AT221009	H/T	190077	Tool Carrier, SN 571440 & After
TC54H	AT220514	E	190050	Tool Carrier, SN 571439 & Before
TC54H	AT221009	H/T	190077	Tool Carrier, SN 571451 & After
TC62H	AT220515	T	190049	Tool Carrier, SN 581890 & Before
TC62H	AT210386	H	190067	Tool Carrier, SN 581890 & Before
TC62H	AT223399	H	190070	Tool Carrier, SN 581891 & After
KOMATSU				
BR300S-1	2070361110	H	190030	Mobile Crusher, SN 1001 & After
BR310JGC	2060351121	E/H	190029	Mobile Crusher
PC60-7	2010371121	O	190027	Excavator, w/4D95L Engine
PC78US-6	21W0341120	H	190033	Excavator, w/5D95LE Engine, SN 4001-6500
PC100-5	2030356130	O	190028	Excavator, SN 28001 & After
PC120-5	2030356130	O	190028	Excavator, w/S4D95L Engine
PC200-5	2060351121	E/H	190029	Excavator, w/S6D95L Engine
PC200-6	20Y0321121	O	190031	Excavator
PC200-7	20Y0331121	O	190032	Excavator, w/SA6D102 Engine, w/AC, SN 250001 & After
PC200LC-7	20Y0331121	O	190032	Excavator, SN 200001 & After
PC220-6	20Y0321121	O	190031	Excavator
PC220-6Z	20Y0321121	O	190031	Excavator
PC220LC-6	20Y0321121	O	190031	Excavator, SN 50001 & After
PC300-6	2070361110	H	190030	Excavator, w/SA6D108 Engine
PC300LC-6	2070361110	H	190030	Excavator
PC300LC-6LC	2070361110	H	190030	Excavator
PC300LC-6LE	2070361110	H	190030	Excavator
PC340-6K	2070361110	H	190030	Excavator, SN K30001 & After
PC340LC-6-J	2070361110	H	190030	Excavator, SN 10001 & After
OWATONNA-MUSTANG				
2022	191027	H	190026	SN 00000567 & After
2022	17035065	H	190025	SN 00000566 & Before
2032	191027	H	190026	SN 00000542 & After
2032	17035065	H	190025	SN 00000541 & Before



MODEL	OE#	TYPE	PART#	NOTES
CASE/IH				
40XT	386925A1, 367985A3	H	190051	
60XT	386925A1, 367985A3	H	190051	
70XT	386925A1, 367985A3	H	190051	
420	87015306	H	190064	w/High Flow, SN N7M466710 & Before
420CT	87015306	H	190064	w/High Flow, SN N7M455401 & Before
430	87015306	H	190064	w/High Flow, SN N7M479683 & Before
440	87015306	H	190064	w/High Flow, SN N8M474469 & Before
440CT	87015306	H	190064	w/High Flow, SN N7M483467 & Before
1835C	A184084	H	190034	
1838	A184084	H	190034	
1840	A184084	H	190034	
1845C	A184084	H	190034	
FORD NEW HOLLAND				
C175	87014852, 87032488	H	190036	
C190	87014852, 87032488	H	190036	SN N7457281 & Before, 1/06/ to 12/07
L160	87014828, 87038309	H	190063	
L170	87014828, 87038309	H	190063	
L175	87014852, 87032488	H	190036	1/07 & After
L180	87014852, 87032488	H	190036	SN N8M464425 & Before, 1/06 to 12/07
L185	87014852, 87032488	H	190036	SN N8M465246 & Before, 1/06 to 12/07
L190	87014852, 87032488	H	190036	SN N7M459486 & Before, 1/06 to 12/07
LS180B	87014852, 87032488	H	190036	3/05 & After
GEHL				
SL3635	17035065	H	190025	SN 00001174 & Before
SL3635	191027	H	190026	SN 0000175 & After
SL3640E	191027	H	190026	SN 003700 & Before
SL3840E	191027	H	190026	SN 003400 & After
SL3935	17035065	H	190025	SN 00001336 & Before
SL3935	191027	H	190026	SN 00001337 & After
OWATONNA-MUSTANG				
2022	17035065	H	190025	SN 00000566 & Before
2022	191027	H	190026	SN 00000567 & After
2032	17035065	H	190025	SN 00000541 & Before
2032	191027	H	190026	SN 00000542 & After

OIL COOLER ILLUSTRATIONS

INGERSOLL-RAND :: 190000

CFM: 54-60

KILOWATTS: 11

CORE: 18 1/2" x 14 13/16" x 2 1/4"

AFTER COOLER INLET: 3/4" BSPT

AFTER COOLER OUTLET: 3/4" BSPT

OIL COOLER INLET: 7/8" 14UN 2B

OIL COOLER OUTLET: 3/4" 16UN 2B

NOTES: Oil Cooler



INGERSOLL-RAND :: 190001

CFM: 65

KILOWATTS: 11

CORE: 18 1/2" x 14 13/16" x 2 1/4"

AFTER COOLER INLET: 3/4" BSPT

OIL COOLER INLET: 7/8" 14UN 2B

NOTES: Oil Cooler

OUTLET: 3/4" BSPT

OUTLET: 3/4" 16UN 2B



INGERSOLL-RAND :: 190002

CFM: 57-85

KILOWATTS: 15

CORE: 15 15/16" x 20" x 2 1/4"

AFTER COOLER INLET: 1 5/16" 12UN 2B

AFTER COOLER OUTLET: 1" NPT

OIL COOLER INLET: 1 1/16" 12UN 2B

OIL COOLER OUTLET: 1 1/16" 12UN 2B

NOTES: Oil Cooler



BOBCAT :: 190020

FITS: 430, 430D Series, 430G Series,
435, 435D Series, 435G Series

CORE: 14" x 18"

FITTINGS: 3/4" NPT

OE #: 6683316

NOTES: Hydraulic Oil Cooler



JOHN DEERE :: 190021

FITS: 5200, 5400, 5440, 5460, 5720, 5730, 5820, 5830 & 5420,
5440 European Editions

CORE: 28 1/4" x 7 1/2" x 1"

NOTES: Hydraulic Oil Cooler

FITTINGS: 3/4"

OE #: AE30765



FORD/NEW HOLLAND :: 190022

FITS: 2310, 2600, 2610, 2810, 2910, 3230, 3430, 3600, 3610, 3910, 3930, 4110,
4130, 4600, 4610, 4630, 4830, 5030, 5600, 6600, 7600, 2600N, 2600R, 2600V,
2610N, 2610V, 3600N, 3600NO, 3600R, 3600V, 3610NO, 3610V, 3910H, 3910N,
3910R, 3910V, 3930H, 3930N, 3930NO, 4110N, 4110NO, 4110O, 4110V, 4130N,
4130NO, 4600NO, 4600O, 4600SU, 4610N, 4610NO, 4610O, 4610SU, 4610V,
4630N, 4630NO, 4630O, 4830N, 4830O, 5030O, 6600C, 6600O, 7600C

CORE: 10 3/4" x 4" x 1 1/2"

INLET: 1/2"

OUTLET: 1/2"

FPI: 10

NOTES: Hydraulic/Transmission Oil Cooler

OE #: 83902919



CASE/IH, FORD/NEW HOLLAND :: 190023

FITS:

FORD/NEW HOLLAND: TC35D, TC35DA, TC40D, TC40DA, TC45D, TC45DA, 3040, 3045
CASE/IH: DX35, DX40, DX45

OVERALL: 13 ⁷/₈" x 8 ¹/₄" x 2"

CORE: 11" x 8" x 2"

FITTINGS: ³/₈" Flare on 9 ¹/₂" CTRS

NOTES: Hydraulic Oil Cooler has 8 Mounting Slots (⁵/₁₆" x ¹/₂")

OE #: 87301196, 86401869



MUSTANG/GEHL :: 190025

FITS:

GEHL: SL3635, SL3935
MUSTANG: 2022, 2032

CORE: 14" x 16" x ³/₄"

FITTINGS: Male 37° JIC Flare

FPI: 6

NOTES: Hydraulic Oil Cooler

OE #: 17035065



MUSTANG/GEHL :: 190026



FITS:

GEHL: SL3635, SL3935, SL3640E, SL3840E
MUSTANG: 2022, 2032

CORE: 17 ³/₈" x 4" x 2"

FITTINGS: #10 FLARE, ⁷/₈" -14 THREAD ON 20 ¹/₂" CTRS

NOTES: Hydraulic Oil Cooler **OE #:** 191027

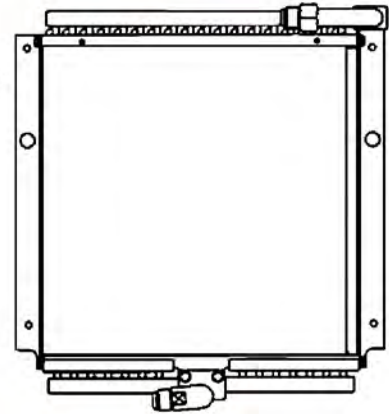
KOMATSU :: 190027

FITS: PC60-7

CORE: 18 ³/₈" x 18" x 2 ¹/₄"

NOTES: Oil Cooler

OE #: 2010371121



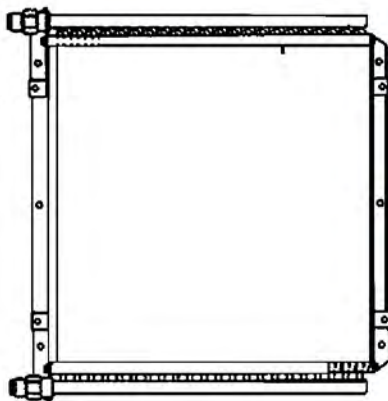
KOMATSU :: 190028

FITS: PC100-5, PC120-5

CORE: 22 ⁷/₁₆" x 22" x 2 ¹/₄"

NOTES: Oil Cooler

OE #: 2030356130



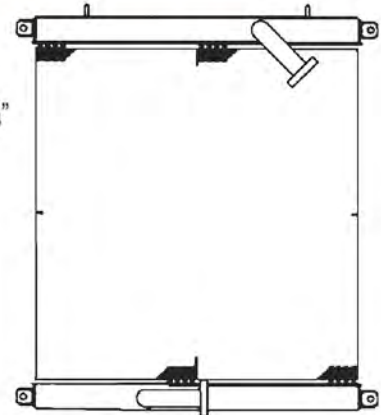
KOMATSU :: 190029

FITS: BR310JGC, PC200-5

CORE: 31 ¹/₂" x 29 ³/₄" x 2 ¹/₈"

NOTES: Engine/Hydraulic Oil Cooler

OE #: 2060351121



OIL COOLER ILLUSTRATIONS

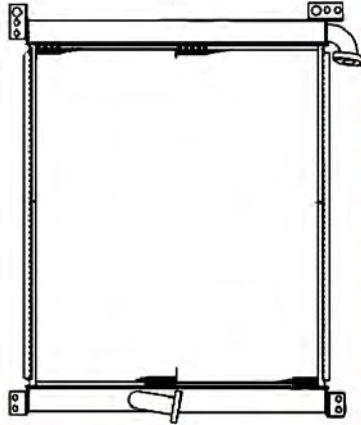
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KOMATSU :: 190030

FITS: BR300S-1, PC300-6,
PC300LC-6, PC300LC-6LC,
PC300LC-6LE, PC340-6K,
PC340LC-6J

CORE: 37 $\frac{3}{8}$ " x 32 $\frac{5}{8}$ " x 2 $\frac{7}{8}$ "

NOTES: Hydraulic Oil Cooler
OE #: 2070361110

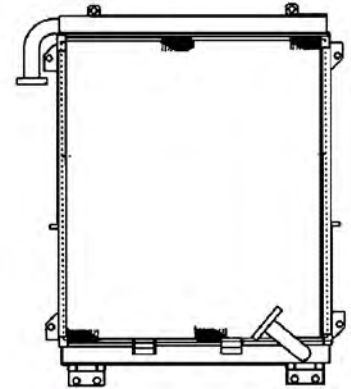


KOMATSU :: 190031

FITS: PC200-6, PC220-6,
PC220-6Z, PC220LC-6

CORE: 31 $\frac{1}{2}$ " x 29 $\frac{3}{4}$ " x 2 $\frac{1}{8}$ "

NOTES: Oil Cooler
OE #: 20Y0321121

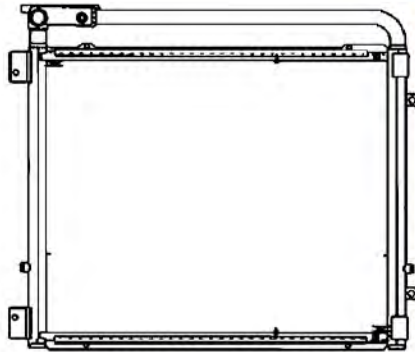


KOMATSU :: 190032

FITS: PC200-7, PC200LC-7

CORE: 34" x 29 $\frac{1}{8}$ " x 1 $\frac{1}{4}$ "

NOTES: Oil Cooler
OE #: 20Y0331121

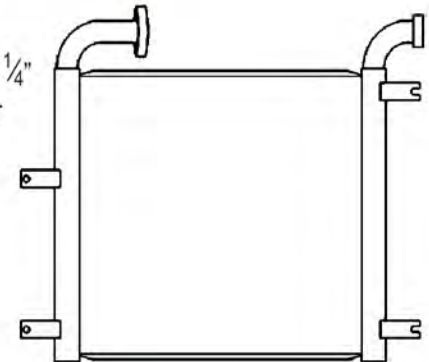


KOMATSU :: 190033

FITS: PC78US-6

CORE: 20 $\frac{3}{8}$ " x 18 $\frac{3}{4}$ " x 1 $\frac{1}{4}$ "

NOTES: Hydraulic Oil Cooler
OE #: 21W0341120



CASE/IH :: 190034

FITS: 1835C, 1838, 1840, 1845C

CORE: 20" x 20" x 1 $\frac{1}{2}$ "

PORTS: (2) 1 $\frac{1}{16}$ " -12
Thread, 37° Flare

NOTES: Hydraulic Oil Cooler

OE #: A184084



JOHN DEERE :: 190035

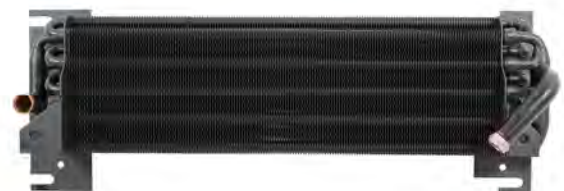
FITS: 2155, 2355, 2355N, 2555, 2755, 2855N, 2955, 3055, 3155, 3255

CORE: 15 $\frac{3}{4}$ " x 15 $\frac{1}{8}$ " x 1 $\frac{7}{8}$ "

PORTS: (2) $\frac{3}{4}$ " Beaded Tube

NOTES: Hydraulic Oil Cooler

OE #: AL66517



FORD/NEW HOLLAND :: 190036

FITS: C175, C190, L175, L180, L185, L190, LS180B

CORE: 20" x 18" x 1 1/2"

PORTS: (2) 1 1/16" - 12 Thread, 37° Flare

NOTES: Hydraulic Oil Cooler

OE #: 87014852, 87032488



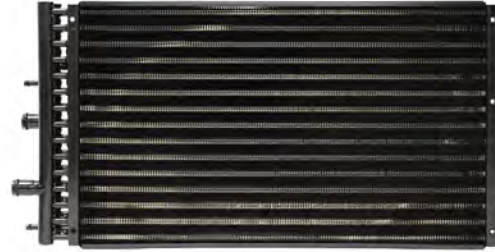
CASE/IH :: 190037

FITS: 2144, 2166, 2188, 2344, 2366

CORE: 25" x 15" x 3 7/8" **PORTS:** (2) 1" Beaded Lead, (2) 3/8" Beaded Lead

NOTES: Hydraulic Oil/Fuel Cooler

OE #: 195441A2, 195441A3



CASE/IH, NEW HOLLAND :: 190038



FITS: CASE/IH: 280, 330, 335, 380, 385, 430, 435, STX275, STX280, STX325, STX330, STX375, STX380, STX425, STX430, STX450, STX500

FORD/NEW HOLLAND: T9030, T9040, TJ380, TJ430, TJ450

CORE: 35 7/8" x 29" x 2 5/8" **PORTS:** (4) 1-14 Thread, ORS

NOTES: Hydraulic Oil Cooler **OE #:** 87312759

CASE/IH :: 190040

FITS: 570LXT Series 2, 580L, 580L Series 2, 580SL

CORE: 19" x 17 1/2" x 2 3/8"

PORTS: (2) 7/8"-14 Thread, 37° Flare, (2) 3/4"-16 Thread, 37° Flare

NOTES: Hydraulic Oil Cooler

OE #: 233817A1



CASE/IH :: 190039

FITS: 580K, 580SK

CORE: 19" x 17" x 2 3/8"

PORTS: (2) SAE 7/8" -14, 37° Flare, (2) SAE 3/4" -16, 37° Flare

NOTES: Hydraulic Oil Cooler

OE #: A184542



CASE/IH :: 190041

FITS: 570LXT, 580L, 580SL, 590SL

CORE: 19" x 17 1/2" x 2 3/8"

PORTS: (2) 7/8"-14 Thread, 37° Flare, (2) 3/4"-16 Thread, 37° Flare

NOTES: Hydraulic Oil Cooler

OE #: 277114A1, 231280A1



OIL COOLER ILLUSTRATIONS

JOHN DEERE :: 190042



FITS: 755, 855, 955, F1145, 1420, 1435, 1445, 3325, 3365

CORE: 12" x 6" x 1 3/4" **PORTS:** (2) ORB 1 3/16" -16
NOTES: Oil Cooler **OE #:** AM101957

JOHN DEERE :: 190043



FITS: 540E, 540G, 540GII, 540GIII, 548E, 548G, 548GII, 548GIII, 560D, 640E, 640G, 640GII, 640GIII, 648E, 648G, 648GII, 648GIII, 740E, 740G, 748E, 748G, 748GII, 748GIII

CORE: 34 7/8" x 8" x 4 5/8" **PORTS:** (2) 1- 3/16" Thread ORS, (2) 3/4" Beaded Tube
NOTES: Transmission Oil Cooler **OE #:** AT184041, 180951

JOHN DEERE :: 190044

FITS: 410B, 410C, 510B, 510C

CORE: 23" x 19 3/8" x 2 3/8"
PORTS: (2) 3/4" Beaded Tube,
(4) 1/2" Beaded Tube

NOTES: Hydraulic Oil Cooler
OE #: AT69015, AT100980



CASE/IH :: 190045

FITS: 570LXT Series 2, 580L, 580L Series 2, 580SL

CORE: 16" x 14 7/8" x 1 1/8"
PORTS: (2) 5/8" Beaded Tube

NOTES: Hydraulic Oil Cooler
OE #: 87344149

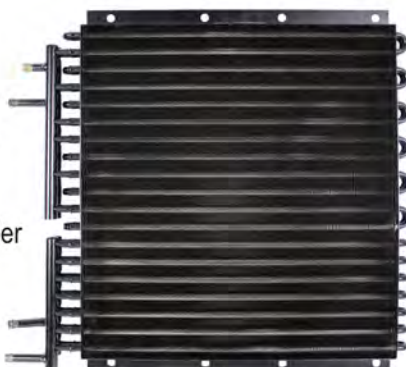


CASE/IH :: 190046

FITS: 580SE

CORE: 19" x 18" x 1 1/2"
PORTS: (4) 1/2" Style "B"
Tube Bead per SAE-J962

NOTES: Hydraulic Oil Cooler
OE #: A171876



CASE/IH :: 190047

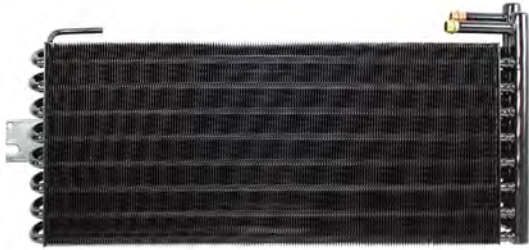
FITS: 570LXT Series 2, 570MXT, 580L Series 2, 585G, 586G, 588G

CORE: 19" x 17 1/2" x 2 3/8"
PORTS: (4) 5/8" Beaded Tube

NOTES: Hydraulic Oil Cooler
OE #: 320877A1



INT'L :: 190048



FITS: 786, 886, 986, 1086, 1486, 1586 Tractors With A/C

OVERALL: 9 3/4" x 21 1/2"

CORE: 8" x 17 3/4" x 1 1/2"

INLET: 1/2" Barbed

OUTLET: 1/2" Barbed

NOTES: Transmission Oil Cooler

OE #: 104740C1, 104238C1

JOHN DEERE :: 190049



FITS: 624H, TC62H, 624HLL

CORE: 40" x 16" x 3"

PORTS: (2) 1" Beaded Tube

NOTES: Transmission Oil Cooler

OE #: AT220515

JOHN DEERE :: 190050



FITS: 444H, TC444H, 544H, TC544, TC54H

CORE: 34 3/4" x 16" x 3"

PORTS: (2) 1" Beaded Tube

NOTES: Engine Oil Cooler

OE #: AT220514

CASE/IH :: 190051

FITS: 40XT, 60XT, 70XT

CORE: 20 1/4" x 19" x 1 1/2"

PORTS: 1-5/16" -12 UNF

37° Flare, Male, 1-5/16 1/2" -12 UNF, Female

NOTES: Hydraulic Oil Cooler

OE #: 386925A1, 367985A3



CUMMINS :: 190052

FITS: 5.7L Hemi, 5.9L Cummins Diesel

CORE: 7 5/8" x 2 7/8" x 3 7/8"

PORTS: (2) 3/4"-16 UNF

Flared SAE J512, (2) 5/8" Hose Barb

NOTES: Transmission/Torque Converter Cooler

OE #: 4930582, 68004317AA, 05086946AA, 05086946AB, 05191791AA, 5191791AA, 5086946AA, 5086946AB



JOHN DEERE :: 190053



FITS: 544E, 544ER, 544G, 544E-LL, 544E-TC, 544G-TC, 544G-LL, 624G, 624E

CORE: 34" x 16" x 3 1/16"

PORTS: (4) 3/4" Beaded Tube

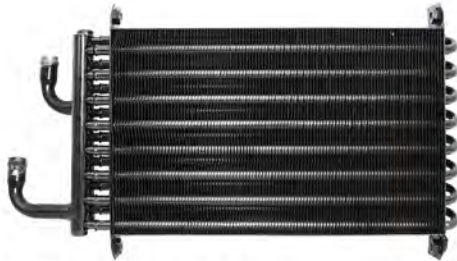
NOTES: Transmission Oil Cooler

OE #: AT102874

OIL COOLER ILLUSTRATIONS

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JOHN DEERE :: 190054



FITS: 450G, 455G, 550G, 555G, 650G

CORE: 12 $\frac{15}{16}$ " x 8" x 1 $\frac{3}{4}$ " **PORTS:** (2) $\frac{3}{4}$ " Beaded Tube

NOTES: Hydraulic Oil Cooler
OE #: AT113270

FORD/ NEW HOLLAND :: 190055

FITS: 5110, 5610, 6410, 6610, 66100,
7610, 76100

CORE: 5 $\frac{1}{2}$ " x 3" x $\frac{3}{4}$ "

PORTS: $\frac{3}{4}$ " -16 UNF 37° Flare JIC,
37° Double Flare SAE J533

NOTES: Power Steering Cooler
OE #: 83954673, E4NN3D746AB



AGCO/ALLIS CHALMERS :: 190056



FITS: 185, 190, 190XT, 200, 210, 220

CORE: 19 $\frac{5}{8}$ " x 6" x 1 $\frac{3}{4}$ "

PORTS: (2) $\frac{3}{4}$ " -16 UNF, Female ORB

NOTES: Hydraulic Oil Cooler **OE #:** 70272180

JOHN DEERE :: 190057



FITS: 6600, 6602, 6620, 6622, 7700, 7720, 8820

CORE: 25 $\frac{3}{8}$ " x 14" x 1 $\frac{3}{4}$ " **PORTS:** (2) 1 - $\frac{1}{16}$ " -12 Thread (Female)

NOTES: Hydrostatic Drive Oil Cooler
OE #: AH98812

JOHN DEERE :: 190058



FITS: 655

CORE: 11" x 5" x 1 $\frac{1}{2}$ "

NOTES: Oil Cooler

PORTS: (2) ORB $\frac{13}{16}$ " -16

OE #: AM102152

CASE/NEW HOLLAND :: 190059

FITS: 455C, 455D, 555C, 555D,
575D, 655C, 655D, 675D

CORE: 5 $\frac{1}{2}$ " x 3" x $\frac{3}{4}$ "

PORTS: ORB $\frac{13}{16}$ " -16 Male,
ORB $\frac{13}{16}$ " -16 Female

NOTES: Power Steering Cooler
OE #: E9NN3D746AA15M



JOHN DEERE :: 190060

FITS: 410D, 510D

CORE: 23" x 19 1/4" x 2 3/8"

PORTS: (2) 3/4" Beaded Tube, (4) 1/2" Beaded Tube

NOTES: Hydraulic/ Transmission Oil Cooler
OE #: AT149850



JOHN DEERE :: 190061

FITS: 2243, F710, F725, F735

CORE: 5 1/4" x 5" x 1 1/16"

PORTS: (2) 13/16" ORS

NOTES: Hydraulic Oil Cooler
OE #: AM105321



JOHN DEERE :: 190062

FITS: 690ELC

CORE: 29" x 24 5/8" x 2 3/8"

PORTS: (2) 1 1/4" Hose Bead

NOTES: Hydraulic Oil Cooler
OE #: AT152152



CASE/NEW HOLLAND :: 190063

FITS: L160, L170

CORE: 17" x 15" x 1 1/2"

PORTS: (2) 1 - 1/16"-12 Thread 37° Flare

NOTES: Hydraulic Oil Cooler
OE #: 87104828, 87038309



CASE :: 190064

FITS: 420, 420CT, 430, 440, 440CT

CORE: 21" x 20 3/4" x 3/4"

PORTS: (2) SAE 37° Flare 1- 1/16"-12 Thread

NOTES: High Flow Oil Cooler
OE #: 87015306



JOHN DEERE :: 190065

FITS: 410D, 510D

CORE: 24" x 19 3/4" x 2 3/8"

PORTS: (5) 1/2" Beaded Tube, (1) 5/8" Beaded Tube

NOTES: Hydraulic Oil Cooler
OE #: AT169357



OIL COOLER ILLUSTRATIONS

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JOHN DEERE :: 190066



FITS: 9200, 9300, 9400

CORE: 29" x 12" x 1 1/2"
NOTES: Axle Cooler

PORTS: (2) 1 3/16"-16 Female
OE #: RE68972

JOHN DEERE :: 190067

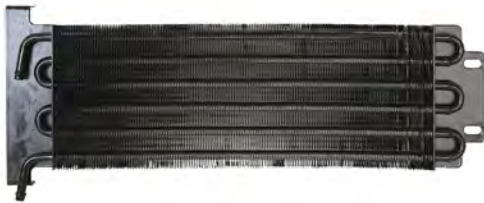


FITS: 624H, TC62H, 624HLL

CORE: 28" x 16" x 1 1/2"
NOTES: Hydraulic Oil Cooler

PORTS: (2) 3/4" Beaded Tube
OE #: AT210386

CASE/IH :: 190068



FITS: 580 & 590 Super M & Super M Plus, Series 3

CORE: 15 3/4" x 6" x 3/4"
NOTES: Fuel Cooler

PORTS: (2) 3/8" Beaded Tube
OE #: 87598494, 89511010

JOHN DEERE :: 190069

FITS: 444D, 544D, 644D

CORE: 27 5/8" x 27" x 2 3/8"
PORTS: (2) 3/4" Hose Bead

NOTES: Transmission/
Hydraulic Oil Cooler

OE #: AT81814



JOHN DEERE :: 190070



FITS: 624H, TC62H, 624HLL

CORE: 40" x 16" x 3 7/8"
NOTES: Hydraulic Oil Cooler

PORTS: (2) 1" Beaded Tube,
(2) 3/4" Beaded Tube
OE #: AT223399

CASE/IH :: 190071



FITS: 2388

CORE: 29 1/2" x 22" x 3 1/16"
NOTES: Engine Oil Cooler

PORTS: (2) 1" Beaded Tube
OE #: 275096A2

JOHN DEERE :: 190072

FITS: 4050, 4055, 4250, 4255, 4450, 4555, 4555, 4560, 4650, 4755, 4760, 4955, 4960

CORE: 22" x 20 1/2" x 1 1/2"

PORTS: SAE 3/4" Flare 37° (1-1/16"-12 Thread), 3/4" Beaded Tube

NOTES: Hydraulic Oil Cooler

OE #: AR96902



CASE/IH :: 190073

FITS: 590 Turbo

CORE: 19" x 19" x 2 3/8"

PORTS: (2) 5/8" SAE 7/8"-14 37° Flare, (2) 1/2" SAE 3/4"-16 37° Flare

NOTES: Engine Oil Cooler

OE #: 100725A1, A190640



JOHN DEERE :: 190074

FITS: 300D, 310D, 315D, 210LE

CORE: 23" x 19 1/4" x 2 3/8"

PORTS: (2) 5/8" Beaded Tube, (4) 1/2" Beaded Tube

NOTES: Hydraulic Oil Cooler

OE #: AT141197



JOHN DEERE :: 190075

FITS: 643, 643D, 644E, 644ER, 644G, 644EZ

CORE: 34" x 16" x 4 5/8"

PORTS: (4) 3/4" Beaded Tube

NOTES: Transmission Oil Cooler **OE #:** AT116051



JOHN DEERE :: 190076

FITS: 744H

CORE: 44 15/16" x 23" x 3 1/16"

PORTS: (2) 1-7/16"-12 ORS, (2) 1" Beaded Tube

NOTES: Transmission/Hydraulic Oil Cooler

OE #: AT202617



JOHN DEERE :: 190077

FITS: 444H, 544H, 444H, 544H

CORE: 34 3/4" x 16" x 3 1/16"

PORTS: (2) 1" Beaded Tube

NOTES: Transmission/Hydraulic Oil Cooler

OE #: AT221009



OIL COOLER ILLUSTRATIONS

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JOHN DEERE :: 190078

FITS: 450G, 455G, 550G, 555G, 650G

CORE: 27 $\frac{3}{4}$ " x 4" x 3 $\frac{1}{16}$ "

PORTS: (2) 1 - $\frac{3}{16}$ " -12

**PHOTO NOT
AVAILABLE**

NOTES: Transmission Oil
Cooler

OE #: AT140588

JOHN DEERE :: 190079

FITS: 310C, 315C, 315CH

CORE: 23" x 19 $\frac{1}{4}$ " x 2 $\frac{3}{8}$ "

PORTS: (2) $\frac{5}{8}$ " Beaded Tube,
(4) $\frac{1}{2}$ " Beaded Tube

NOTES: Hydraulic Oil Cooler
w/6 Lines

OE #: AT135264, AT113840



JOHN DEERE :: 190081



FITS: 8120, 8120T, 8220, 8220T, 8320, 8320T, 8420, 8420T, 8520, 8520T

CORE: 21 $\frac{7}{16}$ " x 13 $\frac{1}{2}$ " x 3"

NOTES: Hydraulic Oil Cooler

PORTS: (2) 1 - $\frac{3}{16}$ " -12 ORS

OE #: RE221652, RE183330

TORO :: 190084

FITS: 6500D

CORE: 18" x 18" x 1 $\frac{3}{4}$ "

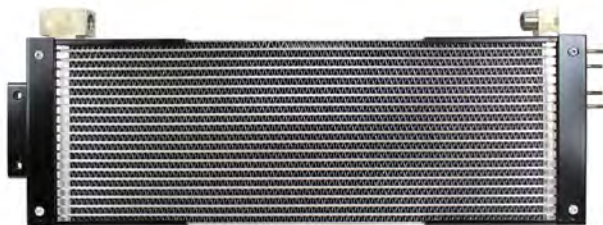
PORTS: (2) 1"-14 Thread ORS

NOTES: Hydraulic Oil Cooler

OE #: 1143995



CATERPILLAR :: 190085



FITS: IT38, 938H

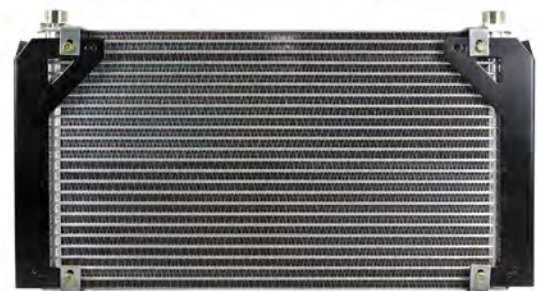
CORE: 27 $\frac{5}{8}$ " x 10 $\frac{7}{8}$ " x 3"

NOTES: Hydraulic Oil Cooler

PORTS: 1 - $\frac{1}{16}$ " -12 ORS, 1 - $\frac{3}{16}$ " -12 ORS

OE #: 2822024

JOHN DEERE :: 190086



FITS: 4720

CORE: 23 $\frac{3}{8}$ " x 13" x 3" **PORTS:** (2) 1 - $\frac{3}{16}$ " -12 ORS

NOTES: Hydraulic Oil Cooler

OE #: RE218283

JOHN DEERE :: 190087

FITS: 2653A Professional Utility Mower (Diesel)

CORE: 12" x 8" x 1 1/8"

PORTS: (2) 13/16" - 16 ORS

NOTES: Hydraulic Oil Cooler
OE #: AMT1539



JOHN DEERE :: 190090

FITS: 4240, 4440, 4640

CORE: 22" x 20 1/2" x 1 1/2"

PORTS: (2) 3/4" Beaded Tube

NOTES: Oil Cooler

OE #: AR80128



INT'L :: 190091



FITS: 786, 886, 966, 986, 1086, 1466, 1468, 1066

CORE: 8" x 17 3/4" x 3/4"

INLET: 1/2" Barbed **OUTLET:** 1/2" Barbed

NOTES: Transmission Oil Cooler

OE #: 120300C1

JOHN DEERE :: 400-605

FITS: 4040, 4230, 4430, 4630

CORE: 18 1/2" x 19 3/4" x 2 1/2"

INLET: #8 Male O-Ring

OUTLET: #8 Male O-Ring

NOTES: Condenser/Oil Cooler Combo

OE #: AR61885



JOHN DEERE :: 400-608

FITS: 4240, 4440, 4640

CORE: 20 1/2" x 22" x 2 1/2"

PORTS: #8 Male O-Ring, #6 Male O-Ring, (2) 3/4" Beaded Tube

NOTES: Condenser/Oil Cooler Combo

OE #: AR96767



JOHN DEERE :: 400-612

FITS: 4050, 4055, 4250, 4255, 4450, 4455, 4555, 4560, 4650, 4755, 4760

CORE: 20 1/4" x 22" x 3"

INLET: #8 Male O-Ring

OUTLET: #6 Male O-Ring

NOTES: Condenser/Oil Cooler Combo

OE #: AR96901



OIL COOLER ILLUSTRATIONS

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FORD/NEW HOLLAND :: 400-629

FITS: 5110, 5610, 6410, 6600, 6610, 6700, 6710, 6810, 7410, 7600, 7610, 7610O, 7700, 7710, 7910

CORE: 19" x 16 $\frac{3}{8}$ " x 2"
INLET: #8 Male O-Ring
OUTLET: #6 Male O-Ring

NOTES: Condenser/Oil Cooler Combo
OE #: D8NN19N656BC, E1NN19N656BA15M

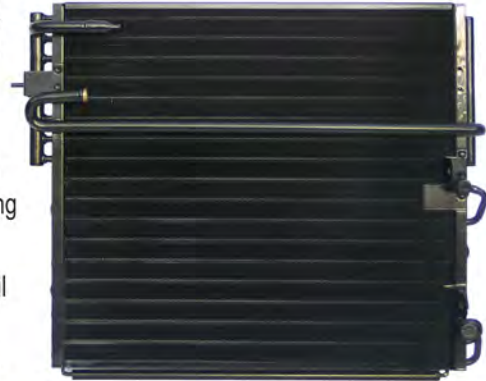


FORD/NEW HOLLAND :: 400-630

FITS: TW5, TW10, TW15, TW20, TW25, 8530, 8630, 8700, 8830, 9700

CORE: 18" x 19" x 2 $\frac{3}{4}$ "
INLET: #8 Male O-Ring
OUTLET: #6 Male O-Ring

NOTES: Condenser/Oil Cooler Combo
OE #: E5NN19N656BA, D8NN19N656BC



JOHN DEERE :: 400-634

FITS: 4850, 4955, 4960

CORE: 23" x 26" x 3"
INLET: #8 Male O-Ring
OUTLET: #6 Male O-Ring

NOTES: Condenser/Oil Cooler Combo
OE #: AR112966, AR96903



FORD :: 400-663

FITS: TW10, TW20, TW30, 8000, 8700, 9000, 9700

CORE: 18" x 19 x 1 $\frac{7}{8}$ "
INLET: #8 Male O-Ring
OUTLET: #6 Male O-Ring

NOTES: Condenser/Oil Cooler Combo
OE #: D5NN19N656B



FORD/NEW HOLLAND :: 400-676

FITS: TW30, TW35, 8730

CORE: 24 $\frac{1}{2}$ " x 22" x 2 $\frac{1}{4}$ "
INLET: #8 Male O-Ring
OUTLET: #6 Male O-Ring

NOTES: Condenser/Oil Cooler Combo
OE #: E5NN19N656AA, D8NN19N656AB



JOHN DEERE :: 400-678

FITS: 4840

CORE: 23 $\frac{1}{4}$ " x 25 $\frac{1}{2}$ " x 3 $\frac{1}{2}$ "
INLET: #8 Male O-Ring
OUTLET: #6 Male O-Ring

NOTES: Condenser/Oil Cooler Combo
OE #: AR79857



JOHN DEERE :: 400-695

FITS: 6100, 6100 EURO, 6200, 6200 EURO, 6300, 6300 EURO, 6400 6400 EURO, 6500, 6110, 6210, 6310, 6410, 6310S, 6410S, 6510S N AMER, SE 6100, SE 6010, SE6110, SE6200, SE6210, SE6300, SE6310, SE6400, SE6410 EURO, 6405 EURO & N AMER w/ AC

CORE: 20" x 16" x 2 1/4"

FITTINGS: #8, #6 Male O-Ring

NOTES: Condenser/Oil Cooler Combo

OE #: AL119566, AL111999, AL77977, AL112424



JOHN DEERE :: 400-696

FITS: 8100, 8100T, 8110, 8110T, 8200, 8200T, 8210, 8210T, 8300, 8300T, 8310, 8310T, 8400, 8400T, 8410, 8410T

CORE: 24" x 26 1/4" x 3"

FITTINGS: #8, #6 Insert O-Ring

NOTES: Condenser/Oil Cooler Combo

OE #: RE66573



JOHN DEERE :: 400-697

FITS: 8100, 8200, 8300, 8400

CORE: 24" x 26" x 2 1/2"

FITTINGS: #8, #6 Male O-Ring

NOTES: Condenser/Oil Cooler Combo

OE #: RE63468



JOHN DEERE :: 400-698

FITS: 7600, 7610, 7700, 7710, 7800, 7810

CORE: 25 3/4" x 19" x 4"

INLET: 3/4"-16 UNF Thread

OUTLET: 5/8"-18 UNF Thread

PORTS: (2) 1- 1/16" UN Thread, (2) 1- 3/16" -12 Thread (1" x Female ORS, 1" x Male ORS)

NOTES: Condenser/Oil Cooler Combo

OE #: RE34166



JOHN DEERE :: 400-699

FITS: 7200, 7210, 7400, 7410, 7510

CORE: 21 5/8" x 19" x 2 1/2"

FITTINGS: #8, #6 Male O-Ring

NOTES: Condenser/Oil Cooler Combo

OE #: RE55139



JOHN DEERE :: 400-702

FITS: 6510 EURO, 6600 EURO, 6605, 6610 EURO, 6800 EURO, 6810 EURO, 6900 EURO, 6910 EURO, 6910S EURO, 7505, SE6510 EURO, SE6610 EURO

CORE: 21 5/8" x 15 1/8" x 2 1/2"

FITTINGS: #8, #6 Male O-Ring

NOTES: Condenser/Oil Cooler Combo

OE #: AL119567, AL78410



OIL COOLER ILLUSTRATIONS

JOHN DEERE :: 400-703

FITS: 6506, 6510, 6600, 6610, 6800, 6810, 6900, 6910, 6910S

CORE: 22 1/2" x 16" x 2 1/2"

FITTINGS: #8, #6 Male O-Ring

NOTES: Condenser/Oil Cooler Combo

OE #: AL150026, AL161960



JOHN DEERE :: 400-705

FITS: CTS, CTSII, 9400, 9410, 9450, 9500, 9500SH, 9510, 9510SH, 9550, 9550SH, 9600, 9610, 9650, 9780CTS, 9780HMCTS

CORE: 26 3/8" x 21" x 2 5/8"

PORTS: (2) 1"-14" Thread ORS, (2) 1-3/16" -12 Thread ORS

NOTES: Condenser/Oil Cooler Combo **OE #:** AH149588, AH145232



CASE/IH :: 400-706

FITS: MX100, MX110, MX135, MX150, MX170

CORE: 21 1/8" x 22 3/8" x 3"

FITTINGS: #8, #6 Male O-Ring

NOTES: Condenser/Oil Cooler Combo

OE #: 139870A1



CASE/IH :: 400-715

FITS: 2377, 2388

CORE: 15 3/4" x 29 1/2" x 3"

INLET: #8 Male O-Ring **OUTLET:** #6 Male O-Ring

NOTES: Condenser/Fuel Cooler Combo **OE #:** 275094A4



JOHN DEERE :: 400-740

FITS: 8120, 8120T, 8220, 8220T, 8320, 8320T, 8420, 8420T, 8520, 8520T

CORE: 20 1/2" x 12" x 3 7/8" **PORTS:** (2) 1/2" Beaded Lead

NOTES: Condenser/Oil Cooler Combo **OE #:** RE183331



JOHN DEERE :: 400-743

FITS: 7720, 7820, 7920, 4720

CORE: 22 1/4" x 13" x 3 7/8" **PORTS:** 3/4"-16 UNF, 5/8"-18 UNF, (2) 1/2" Beaded Lead

NOTES: Condenser/Fuel Cooler Combo **OE #:** RE181894



JOHN DEERE :: 400-744

FITS: 8560, 8760, 8960, 7200, 7250, 7300, 7350, 7400, 7540, 7500, 7550, 7700, 7750, 7800, 7850, 7950

CORE: 21 1/2" x 18 3/4" x 2 1/8"

PORTS: 3/4"-16 UNF, 5/8"-18 UNF

NOTES: Condenser/Fuel Cooler

OE #: RE28764



JOHN DEERE :: 400-745

FITS: 8640

CORE: 28" x 24 7/8" x 3 1/16"

PORTS: 3/4"-16 UNF, 5/8"-18 UNF, (2) 3/4" Beaded Lead

NOTES: Condenser/Oil Cooler Combo

OE #: AR85880



JOHN DEERE :: 400-746

FITS: 9400, 9500, 9600, CTS

CORE: 33" x 22 1/2" x 5 1/8"

PORTS: 3/4"-16 UNF, 5/8"-18 UNF, -8 ORS, -10 ORS, -12 ORS, -16 ORS

PHOTO NOT AVAILABLE

NOTES: Condenser/Oil Cooler Combo

OE #: AH150219, AH120836, AH136172

JOHN DEERE :: 400-747

FITS: 8120, 8120T, 8220, 8220T, 8320, 8320T, 8420, 8420T, 8520, 8520T, 4920

CORE: 25 3/8" x 25" x 3 7/8"

PORTS: (2) 1-3/16" - 12 UNC-ORS, (2) 1/2" Beaded Lead, (1) 3/4"-16 UNF, (1) 5/8"-18 UNF

NOTES: Condenser/Fuel & Oil Cooler

OE #: RE218194, RE222984



JOHN DEERE :: 400-748



FITS: 9400, 9500, 9500SH, 9600

CORE: 26 3/8" x 21" x 2 5/8"

PORTS: (2) 1-14 Thread ORS, (2) 1-3/16" - 12 Thread ORS

NOTES: Condenser/ Oil Cooler Combo

OE #: AH140472, AH120854

JOHN DEERE :: 400-751

FITS: 9960, 9965, 9970

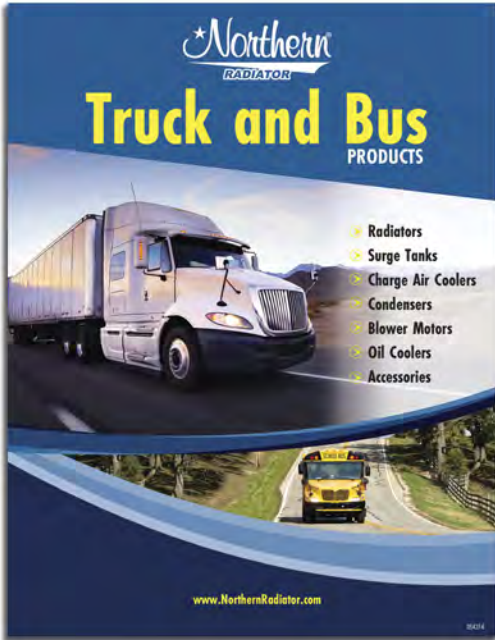
CORE: 24 7/8" x 20" x 3 1/16"

PORTS: (1) 3/4"-16 UNF, (1) 5/8" -18 UNF, (2) 1-3/16" - 12 ORS

NOTES: Condenser/Oil Cooler Combo

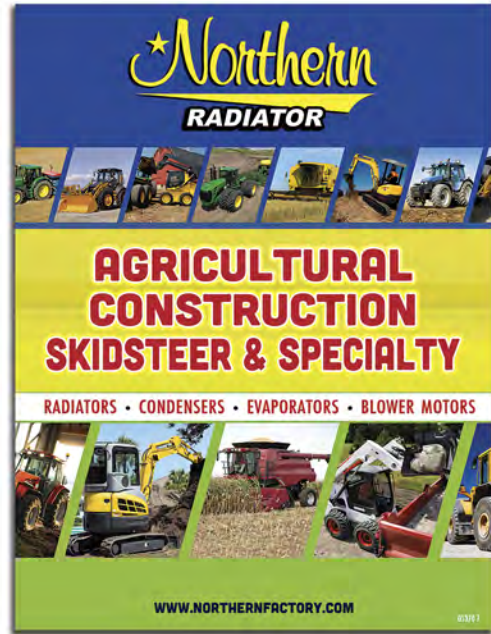
OE #: AN194102, AN194635





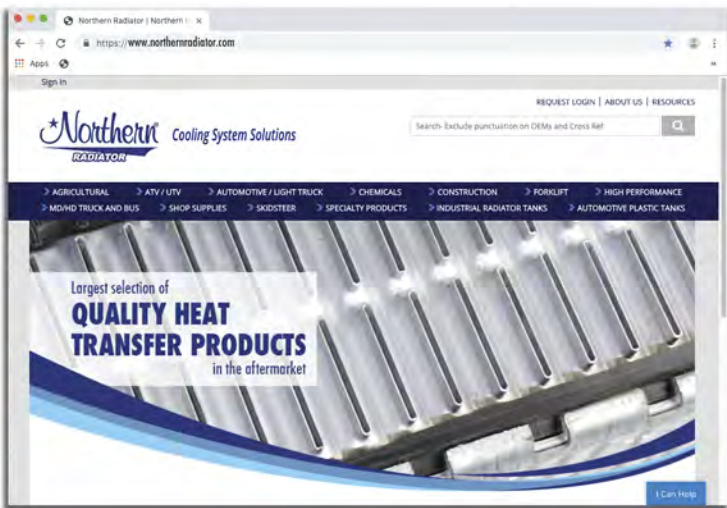
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**HEAVY DUTY TRUCK, AGRICULTURAL AND INDUSTRIAL
ENGINE, TRANSMISSION AND HYDRAULIC OIL COOLERS**

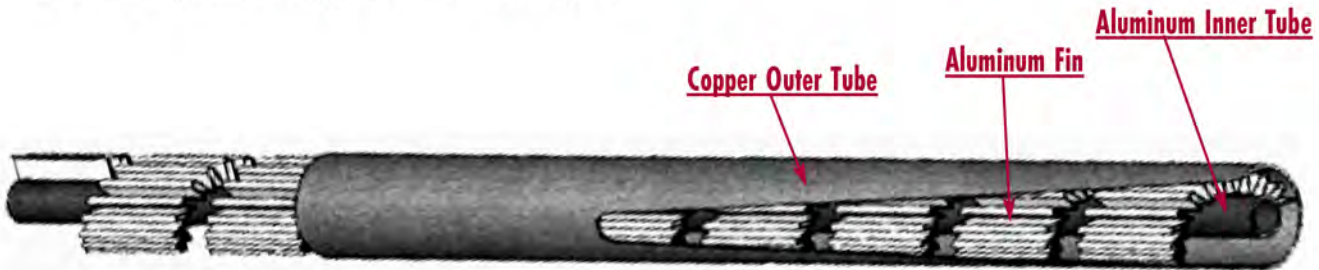
Northern round tube & fin (RTF) oil coolers are interchangeably used for cooling a variety of oils and fluids in a wide variety of truck, agricultural and industrial equipment applications.



Because the uses overlap and the coolers are the same, any given RTF style cooler may have hundreds of OEM part numbers. But unlike other parts, if you can identify the cooler by sight or dimension, you can easily find the replacement cooler.

ROUND TUBE & FIN (RTF) OIL COOLER

All Northern RTF coolers feature fin turbulations in the tubes. This design meets industry standards specified in applications for RTF coolers.





ROUND TUBE & FIN OIL COOLERS



HEAVY DUTY AUTOMATIC TRANSMISSION COOLER APPLICATIONS

ALLISON TRANSMISSION EQUIPMENT VEHICLES OPERATED FOR USE AT SPEEDS BELOW 30 MPH WHILE UNDER LOAD

ALLISON TRANSMISSION MODEL	GPM FLOW	HORSEPOWER	REPLACEMENT COOLER #	ADD-ON COOLER #
AT 540, 542, 545	4.5 545	125	191271	191299
		150	191271	191299
		175-235	191271	191299
MT 40, 41, 42 Series	8.0	150	191292	191290
		200	192305	191292
		250	192306	192305
MT643, 645, 653	8.0	175-200	191271	191292
		250	192306	191271
MT 644, 645, 647, 648, 654, MT645CR, 655, 656CR	12.0	200	192305	191290
		250	192305	191292
		300	191297	192305
HT 740, 747, 748, 750, HT 7500OR, 754, 755CR, HT755OR, CBLT 754	15.0	250	192306	191292
		300	191297	192305
		350	191298	192306
		400	191298	191297
		425	192312	191298
V 730, 730	20.0	200	Consult Factory	Consult Factory

* Northern Add-On Coolers are recommended and often used as OEM on applications which are heavily loaded and seldom perform under light load. We recommend these coolers as add-on or coolers-in-series to improve and reduce automatic transmission fluid temperature control - your OEM installed add-on cooler may vary in size and a replacement cooler of a different size may be located by using the RTF Oil Cooler Dimensional look-up chart on page 39.

ALLISON TRANSMISSION EQUIPPED VEHICLES OPERATED OVER 30 MPH WHILE UNDER LOAD

ALLISON TRANSMISSION MODEL	HORSEPOWER	REPLACEMENT COOLER #	ADD-ON COOLER #
AT 540, 545, 547, Series 2000, 2400	100	191260	191241
	140	191236	191234
	175	191299	191236
	235	191271	191299
MT 40, 41, 42, 643, 653DR	150	191236	191234
	200	191299	191260
	250	191271	191236
MT 644, 654CR, 647, 646 (all w/o retarder)	200	191290	191260
	250	191292	191236
	300	192305	191290
MT 8600 (all w/o retarder)	ALL	Consult Factory	192294
H 7700 Series (all w/o retarder)	250	191292	191237
V 730, 731	300	192305	191291
	375	192306	191292
	410	191272	192305
	425	192307	191205
	H 7700 Series, H 8700 Series (all w/o retarder)	ALL	Consult Factory



CLARK, TWIN-DISK AND OTHER TRANSMISSIONS (ALL W/O RETARDER)

TRANSMISSION MODEL	HORSEPOWER	REPLACEMENT COOLER #	ADD-ON COOLER #
Other than Allison (Clark, Twin-Disk, etc all w/o retarder)	100	191260	191241
	150	191236	191234
	200	191290	191260
	250	191292	191237
	300	192305	191291
	350	192308	191292
	400	191272	192305
	450	192307	192305
	500	191298	192306
Over 500	Consult Factory	Consult Factory	

NOTE: If you did not find your application, your cooler may be identified by physical dimensions. Compare your OEM cooler dimensions to the RTF Oil Cooler Dimensional look-up chart on Page 39. Matching the cooler size will provide a correct replacement.

HEAVY DUTY MANUAL TRANSMISSION COOLER APPLICATIONS

Manual transmissions with a built in oil pump often require oil coolers to maintain temperature control. Below are the most common replacement manual transmission coolers which are used frequently on Fuller® and Spicer® brand manual transmissions. However, these coolers may also be used on any brand manual transmission that has an internal or external oil pump.

FULLER®/SPICER® MANUAL TRANSMISSIONS	STANDARD REPLACEMENT	HEAVY DUTY REPLACEMENT
Fuller® w/oil pump*	191240	191233
Spicer® w/oil pump*	191240	191233

*Works on either internal transmission pump or power take-off mounted transmission pumps.

NOTE: If you didn't find your application, your cooler may be identified by physical dimensions. Compare your OEM cooler dimensions to the RTF Oil Cooler Dimensional Look-up on page 39. Matching the cooler size will provide a correct replacement.

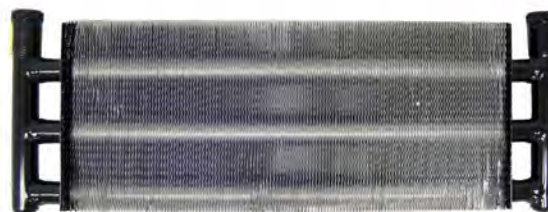


ROUND TUBE & FIN OIL COOLERS

Northern® RADIATOR

ENGINE OIL COOLERS FOR HEAVY DUTY GASOLINE, DIESEL, LP AND NATURAL GAS POWERED ENGINES

Northern RTF Oil Coolers may be used for all engine oil cooler applications for gasoline, diesel, LP or natural gas powered engines. All Northern RTF coolers' heat transfer performance is enhanced by the patented inner fin turbulator. Rated at 200 psi operating pressure, the RTF cooler offers a cost efficient high performance alternative to the light duty coolers used as OEM on thousands of pickups, SUVs, trucks, tractors and construction equipment.



The most common RTF cooler used as an engine oil cooler is **Part #: 191240**

For best results, Northern recommends that the RTF Oil Cooler be mounted in front (on the grill side) of the radiator.

NOTE: If you didn't find your application, your cooler may be identified by physical dimensions. Compare your OEM cooler dimensions to the RTF Oil Cooler Dimensional Look-up on page 39. Matching the cooler size will provide a correct replacement.

AGRICULTURAL AND INDUSTRIAL HYDRAULIC & HYDROSTATIC OIL COOLERS

Hydraulic and Hydrostatic oil coolers are used in thousands of OEM applications and while each has an OEM part number, the coolers used are usually identified by visual features i.e. number of rows of tubes, physical size and inlet & outlet fitting requirements.

Since tracking OEM part numbers of the various uses is an impossible task, we suggest you use physical appearance, product measurements and inlet/outlet characteristics to help you make your product selection.

The included industry crossover on page 38 and the oil cooler dimensional look-up chart on page 39 may be used to match your existing cooler by brand cross-over or dimension to a Northern replacement cooler.



MOUNT KIT #: 195151

New mounting hardware may be necessary to mount your replacement cooler.

••Please note the quantity of mounting hardware kits varies on each cooler and is listed in the dimensional look-up chart on page 39.





OIL COOLER INDUSTRY CROSS REFERENCE

Northern Part #	Industry Part #	Hayden Industrial #	Thermal Dynamics #	Thermal Transfer #	Standard Motor Products # (Hayden)	Grainger #	McMaster Carr #
191240	10318S1	10318S1	DB1240-09	DH073-1-1	1240, 10401, 1046	-----	3525K21
191233	10418R1	10418-R1	DB1233	DH-095-4-1	1236	-----	-----
191233	10418S1	10418S1	DB1232	DH-095-1-1	-----	-----	-----
191268	10618S1	10618-S1	DB1268	DH-194-1-1	1268	4F361	3525K14
191241	10421S1	10421-S1	DB1241	DH-106-1-1	1241		3525K13
191234	10621S1	10621-S1	DB1234	DH-204-1-1	1234	4F362	
191260	10624S1	10624-S1	DB1260	DH-216-1-1	1260	-----	-----
191236	10824S1	10824-S1	DB1236	DH-238-1-1	1284	-----	-----
191237	10824R1	10824-R1	DB1237	DH-238-4-1	-----	-----	-----
191290	10924S1	10924-S1	DB1290	DH-249-1-1	1290	4F363	3525K25
191291	10924R1	10924-R1	DB1291	DH-249-4-1	-----	-----	-----
191299	11024S2	11024S2P	DB1299	DH96227	1299	-----	-----
191292	11224S1	1124-S1	DB1292	DH-326-1-1	1292	-----	3525K26
192305	11524S1	-----	DB2305	-----	2305	-----	-----
191271	11230S2	11230-S2P	DB1271	DH-337-83795	1271	-----	-----
192306	11530S1	-----	DB2306	-----	2306	-----	-----
191297	11830S1	-----	DB1297	-----	1297	-----	-----
192294	21830T1	21830-T1	DB2294	DH-626-1-1	-----	-----	-----
192307	11833R1	11833-R1	DB2307	DH-96231	-----	-----	-----
191272	11536S1	11536-S1	DB1272	DH-370-1-1	-----	1DBA4	-----
191298	11840R1	11840-R1	DB1298	DH-436-4-1	1298	-----	-----
192308	21840T1	21840-T1	DB2308	DH-649-1-1	-----	-----	-----
192312	12042R1	12042-R1	DB2312	DH-447-4-1	2312	-----	-----



ROUND TUBE & FIN OIL COOLERS



IDENTIFY RTF OIL COOLER BY INDUSTRY PART NUMBER



TIPS FOR CHOOSING THE CORRECT RTF COOLER BY SIZE

If the customer calls and says he wants to replace a part that is 24" long x 12" high x 1 1/2" thick, you can use the following guidelines to narrow the choices on parts that may work:

- Each row in a Northern RTF cooler requires 1" of thickness per tube. With this in mind, the customer needs a single row cooler.
- All Northern RTF tubes are spaced 2" apart center to center. Therefore, a 12" high cooler will have 6 tubes.
- Since we know that the length of the cooler is 24", we can formulate at least a portion of the long part number: 10624.
- By scanning through the numbers on the dimension guide, you will find that there is one part that begins with 10624.
- Make sure to verify the fitting before confirming the Northern RTF Oil Cooler.

OIL COOLER DIMENSIONAL LOOK-UP

Northern Part #	Industry Part #	Overall Width	Overall Height	Overall Depth	**Heat Rejection (BTU/HR)	Flow Range (GPM)	Fittings NPT (Female)	Mtg Kit (Qty Required)
191240	10318S1	18"	7"	1 1/2"	8,600 - 11,600	2-12	1/2"*	195151 (2)
191238	10318S2	18"	7"	1 1/2"	8,000 - 11,600	2-12	3/4"*	195151 (2)
191233	10418R1, 10418S1	18"	9"	1 1/2"	10,000 - 14,200	2-16	3/4"*	195151 (2)
191268	10618S1	18"	13"	1 1/2"	16,500 - 21,500	4-20	3/4"*	195151 (2)
191241	10421S1	21"	9"	1 1/2"	12,400 - 17,600	2-12	1/2"	195151 (2)
191234	10621S1	21"	13"	1 1/2"	18,250 - 25,000	4-20	3/4"*	195151 (2)
191260	10624S1	24"	13"	1 1/2"	22,000 - 31,000	4-20	3/4"*	195151 (2)
191236	10824S1	24"	17"	1 1/2"	26,100 - 36,600	4-20	3/4"*	195151 (3)
191237	10824R1	24"	17 5/16"	1 1/2"	25,500 - 37,700	4-26	1"	195151 (3)
191290	10942S1	24"	19"	1 1/2"	31,500 - 42,500	5-20	3/4"*	195151 (3)
191291	10924R1	24"	19 5/16"	1 1/2"	31,000 - 45,000	5-30	1"	195151 (3)
191299	11024S1	24"	22 3/8"	1 1/2"	26,500 - 45,000	2-12	3/4"*	195151 (3)
191292	11224S1	24"	25 5/16"	1 1/2"	39,000 - 56,500	5-30	1"	195151 (4)
192305	11524S1	24"	31 5/16"	1 1/2"	47,000 - 68,000	5-30	1"	195151 (4)
191271	11230S2	30"	26 3/4"	1 1/2"	44,500 - 67,500	4-14	1"	195151 (4)
192306	11530S1	30"	31 5/16"	1 1/2"	56,000 - 86,000	5-30	1"	195151 (4)
191297	11830S1	30"	38 5/16"	1 1/2"	70,000 - 115,000	9-72	2"	195151 (4)
192294	21830T1	30"	41 1/4"	3"	130,000 - 200,000	20-125	2"	-----
192307	11833R1	33"	38 5/16"	1 1/2"	76,000 - 129,000	9-72	2"	-----
191272	11536S1	36"	31 5/16"	1 1/2"	69,000 - 99,000	8-30	1"	195151 (4)
191298	11840R1	40"	37 7/8"	1 1/2"	92,000 - 160,000	9-72	2"	-----
192308	21840T1	40"	41 1/4"	3"	170,000 - 282,000	20-125	2"	-----
192312	12042R1	42"	44 7/16"	1 1/2"	106,000 - 192,000	10-80	2"	-----

* 3/4" to 1/2" adapter available, order part # 191814

**Heat rejection based on vehicle traveling at 12 mph and 100° F inlet temperature differential.

For the most up-to-date
Oil Cooler offering from
Northern Radiator, go to

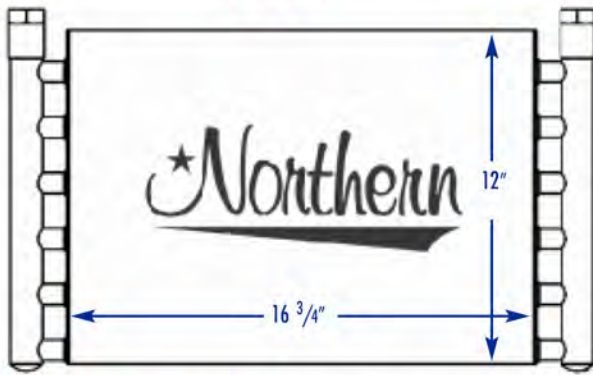
www.NorthernRadiator.com

191233



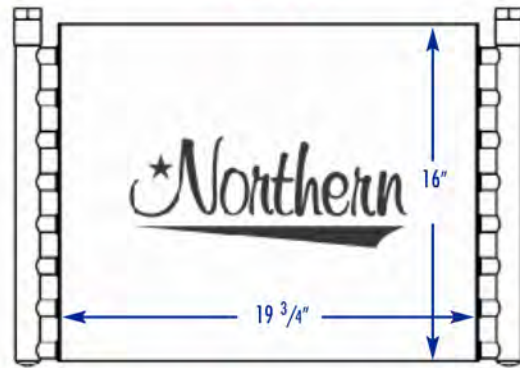
OVERALL DIMENSIONS: 18" x 9" x 1 1/2"
Rows: 1 **FITTINGS NPT:** 3/4" Female
PASS: Single Pass
MTG KIT (QTY): 195151 (2)

191234



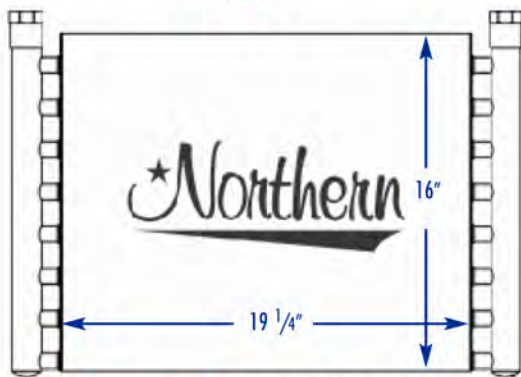
OVERALL DIMENSIONS: 21" x 13" x 1 1/2"
ROWS: 1 **FITTINGS NPT:** 3/4" Female
PASS: Single Pass **MTG KIT (QTY):** 195151 (2)

191236



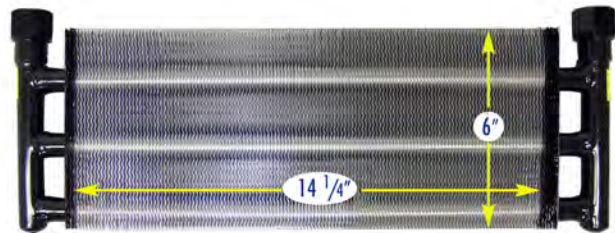
OVERALL DIMENSIONS: 24" x 17" x 1 1/2"
ROWS: 1 **FITTINGS NPT:** 3/4" Female
PASS: Single Pass **MTG KIT (QTY):** 195151 (3)

191237



OVERALL DIMENSIONS: 24" x 17 5/16" x 1 1/2"
ROWS: 1 **FITTINGS NPT:** 1" Female
PASS: Single Pass **MTG KIT (QTY):** 195151 (3)

191238

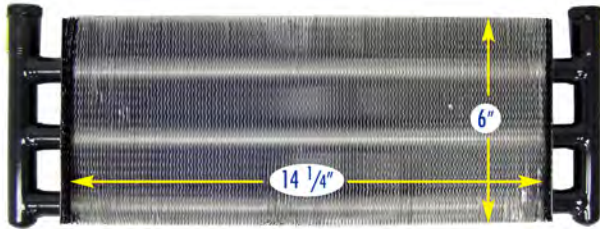


OVERALL DIMENSIONS: 18" x 7" x 1 1/2"
ROWS: 1 **FITTINGS NPT:** 3/4" Female
PASS: Single Pass **MTG KIT (QTY):** 195151 (2 Included)

OIL COOLER ILLUSTRATIONS

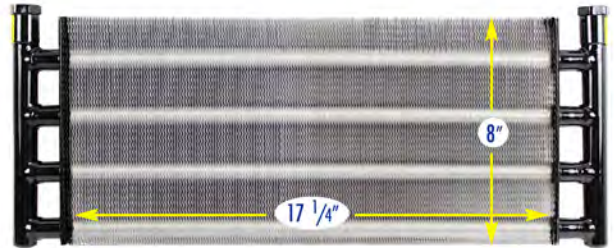
Northern
RADIATOR

191240



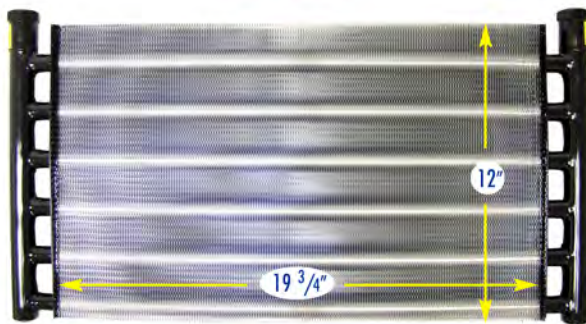
OVERALL DIMENSIONS: 18" x 7" x 1 1/2"
ROWS: 1 **FITTINGS NPT:** 1/2" Female
PASS: Single Pass **MTG KIT (QTY):** 195151 (2 Included)

191241



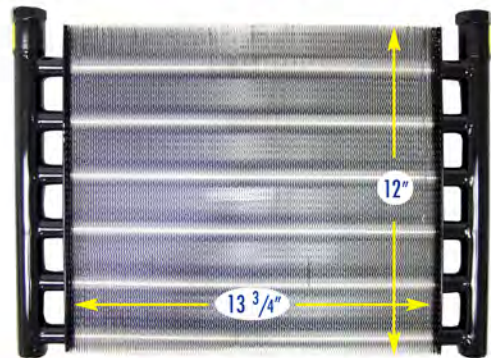
OVERALL DIMENSIONS: 21" x 9" x 1 1/2"
ROWS: 1 **FITTINGS NPT:** 1/5" Female
PASS: Single Pass **MTG KIT (QTY):** 195151 (2)

191260



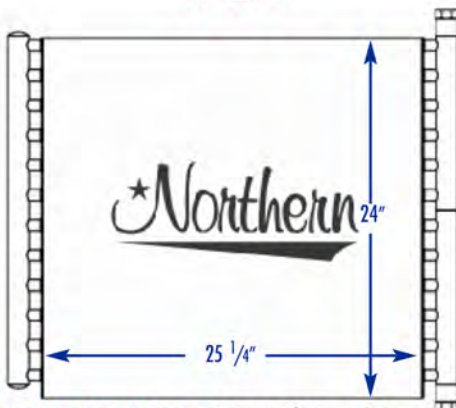
OVERALL DIMENSIONS: 24" x 13" x 1 1/2"
ROWS: 1 **FITTINGS NPT:** 3/4" Female
PASS: Single Pass **MTG KIT (QTY):** 195151 (2)

191268



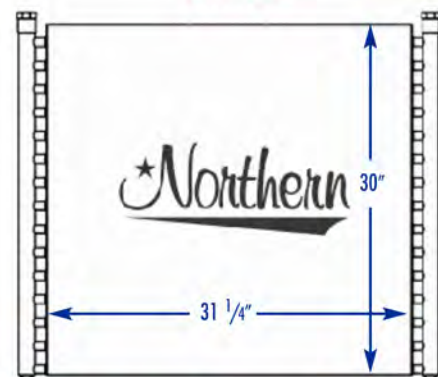
OVERALL DIMENSIONS: 18" x 13" x 1 1/2"
ROWS: 1 **FITTINGS NPT:** 3/4" Female
PASS: Single Pass **MTG KIT (QTY):** 195151 (2)

191271



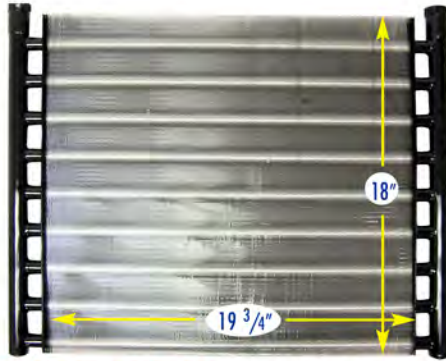
OVERALL DIMENSIONS: 30" x 26 3/4" x 1 1/2"
ROWS: 1 **FITTINGS NPT:** 1" Female
PASS: Double Pass **MTG KIT (QTY):** 195151 (4)

191272



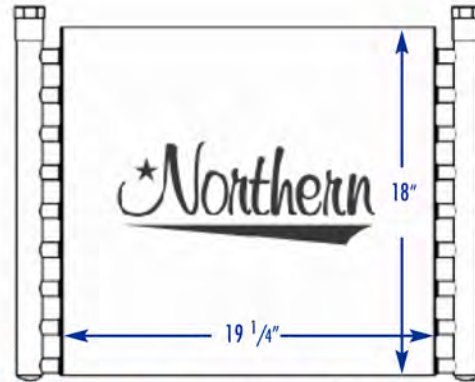
OVERALL DIMENSIONS: 36" x 31 5/16" x 1 1/2"
ROWS: 1 **FITTINGS NPT:** 1" Female
PASS: Single Pass **MTG KIT (QTY):** 195151 (4)

191290



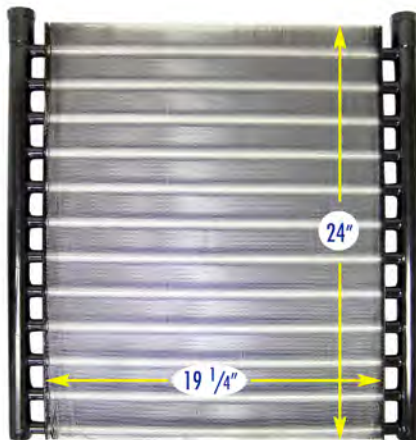
OVERALL DIMENSIONS: 24" x 19" x 1 1/2"
ROWS: 1 **FITTINGS NPT:** 3/4" Female
PASS: Single Pass **MTG KIT (QTY):** 195151 (3)

191291



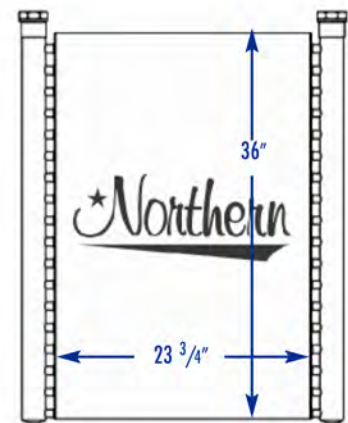
OVERALL DIMENSIONS: 24" x 19 5/16" x 1 1/2"
ROWS: 1 **FITTINGS NPT:** 1" Female
PASS: Single Pass **MTG KIT (QTY):** 195151 (3)

191292



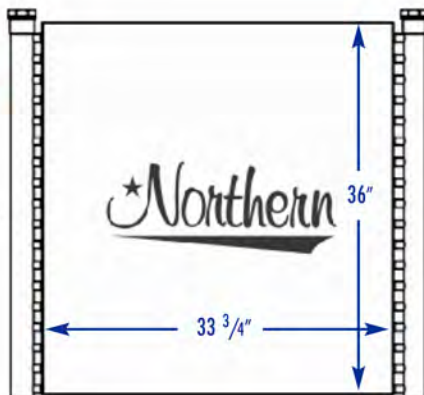
OVERALL DIMENSIONS:
 24" x 25 5/16" x 1 1/2"
ROWS: 1
FITTINGS NPT: 1" Female
PASS: Single Pass
MTG KIT (QTY): 195151 (4)

191297



OVERALL DIMENSIONS:
 30" x 38 5/16" x 1 1/2"
ROWS: 1
FITTINGS NPT: 2" Female
PASS: Single Pass
MTG KIT (QTY): 195151 (4)

191298



OVERALL DIMENSIONS:
 40" x 37 7/8" x 1 1/2"
ROWS: 1
FITTINGS NPT: 2" Female
PASS: Single Pass

191299

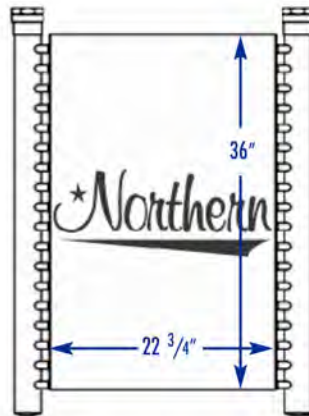


OVERALL DIMENSIONS: 24" x 22 3/8" x 1 1/2"
ROWS: 1 **FITTINGS NPT:** 3/4" Female
PASS: Double Pass **MTG KIT (QTY):** 195151 (3)

OIL COOLER ILLUSTRATIONS

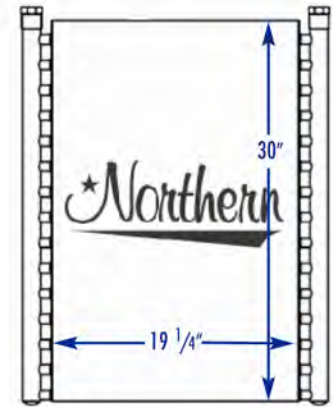
192294

OVERALL DIMENSIONS:
30" x 41 1/4" x 3"
ROWS: 2
FITTINGS NPT: 2" Female
PASS: Single Pass



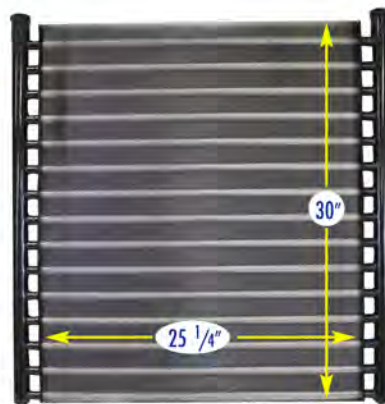
192305

OVERALL DIMENSIONS:
24" x 31 5/16" x 1 1/2"
ROWS: 1
FITTINGS NPT: 1" Female
PASS: Single Pass
MTG KIT (QTY): 195151 (4)



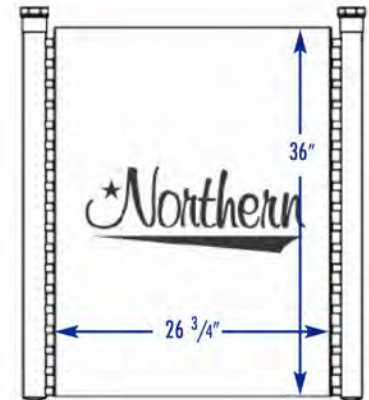
192306

OVERALL DIMENSIONS:
30" x 31 5/16" x 1 1/2"
ROWS: 1
FITTINGS NPT: 1" Female
PASS: Single Pass
MTG KIT (QTY): 195151 (4)



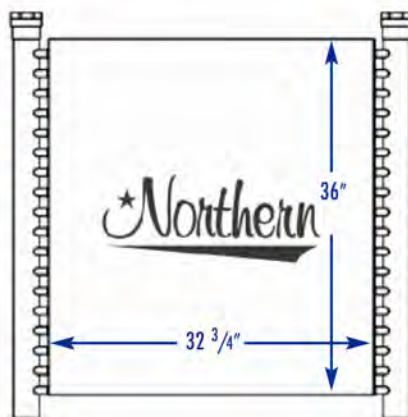
192307

OVERALL DIMENSIONS:
33" x 38 5/16" x 1 1/2"
ROWS: 1
FITTINGS NPT: 2" Female
PASS: Single Pass



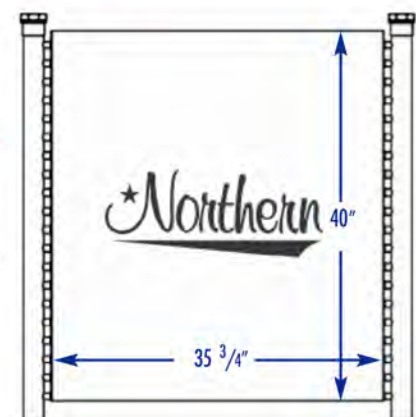
192308

OVERALL DIMENSIONS:
40" x 41 1/4" x 3"
ROWS: 2
FITTINGS NPT: 2" Female
PASS: Single Pass



192312

OVERALL DIMENSIONS:
42" x 44 3/8" x 1 1/2"
ROWS: 1
FITTINGS NPT: 2" Female
PASS: Single Pass





ADAPTER

3/4" to 1/2" adapter **Z50650**



RW8046



RW8047

OIL COOLER ADAPTERS

Adapts engine or transmission coolers to oil line fittings.

RW8046 3/4" NPT Male x #12 SAE - Pair

RW8047 3/4" NPT Male x 1 1/16" - 16 UNF O-Ring GM - Pair

MOUNT KIT #: 195151

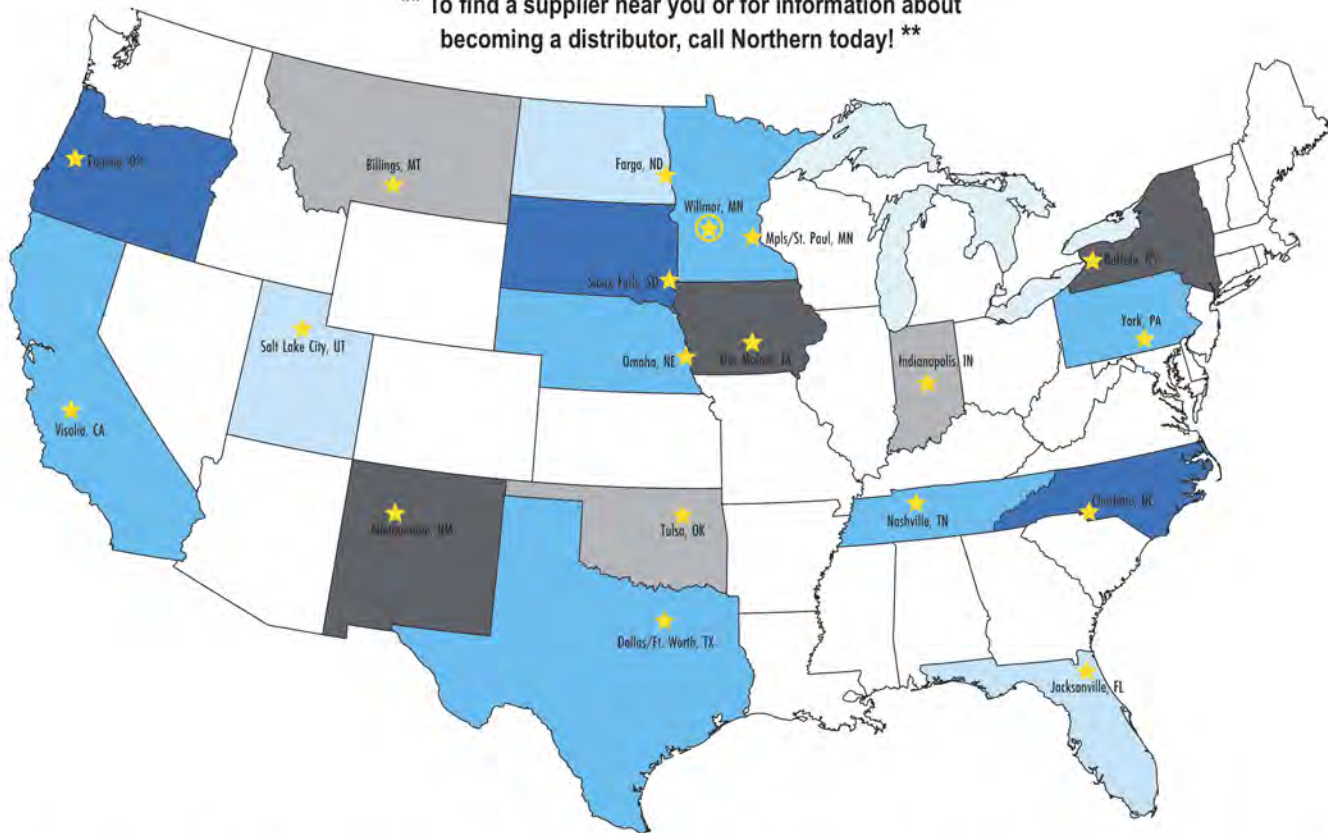
New mounting hardware may be necessary to mount your replacement cooler.

••Please note the quantity of mounting hardware kits varies on each cooler and is listed in the dimensional look-up chart on page 39.





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The logo features the word "Northern" in a white, cursive script font with a small white star above the letter "N". A white horizontal bar with a slight upward curve is positioned below "Northern". Underneath this bar, the word "RADIATOR" is written in a bold, white, sans-serif font with a blue outline. The background is a teal color with orange diagonal stripes and dashed yellow lines.

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