



Doosan Infracore
Portable Power

Service Letter

SL: 40010
Date: 5 October 2009 Revised (10-12)
Product: Compressors
Subject: Oil Recommendations Update

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This compressor oil recommendation supersedes any previous published statement.

Compressor Lubrication

Portable Power Fluid Chart

Refer to these charts for correct compressor fluid required. Note that the selection of fluid is dependent on the design operating pressure of the machine and the ambient temperature expected to be encountered before the next oil change.

NOTE: Fluids listed as “preferred” are required for extended warranty. Compressor oil carryover (oil consumption) may be greater with the use of alternative fluids.

Preferred Ingersoll Rand Fluids - Use of these fluids with original Ingersoll Rand branded filters can extend air end warranty. Refer to operator's manual warranty section for details or contact your Portable Power representative.

DESIGN OPERATING PRESSURE	AMBIENT TEMPERATURE	SPECIFICATION
100 to 300 psi	-10° F to 125° F (-23° C to 52° C)	Preferred: IR Pro-Tec™ Alternate: ISO Viscosity Grade 46 with rust and oxidation inhibitors, designed for air compressed service.
350 psi	-10° F to 125° F (-23° C to 52° C)	Preferred: IR XHP605 Alternate: IR XHP405 ISO Viscosity Grade 68 Group 3 or 5 with rust and oxidation inhibitors designed for air compressor service.
	65° F to 125° F (18° C to 52° C)	Preferred: IR XHP605 IR XHP1001



Figure 1

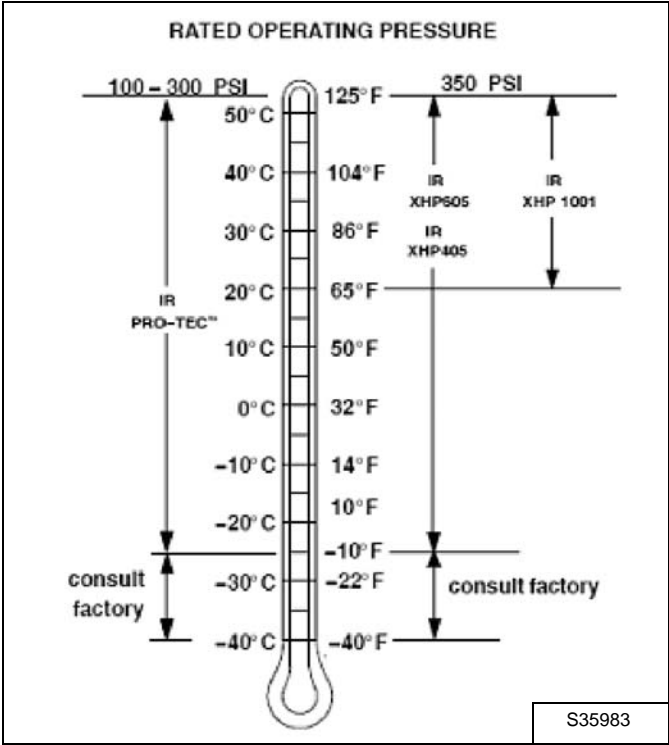
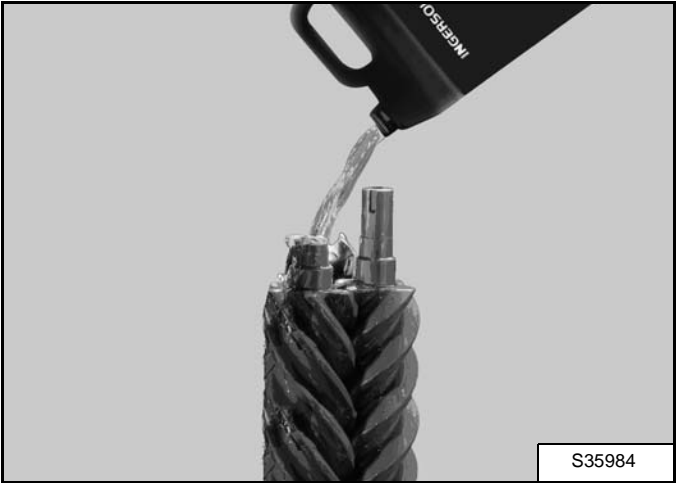


Figure 2



INGERSOLL-RAND PREFERRED FLUIDS	1 GAL. (3,8 LITER)	5 GAL. (19,0 LITER)	55 GAL. (208,2 LITER)	220 GAL. (836 LITER)
IR Pro-Tec™	-	89292973	89292981	22082598
IR XHP605	-	22252076	22252050	22252068
IR XHP1001	-	35612738	35300516	-
IR XHP405	-	22252126	22252100	22252118