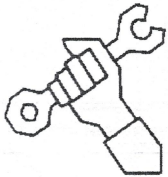


INGERSOLL-RAND®
CONSTRUCTION & MINING

No. PC-8-004

Date September 16, 1

Replaces PC8-004 dated 03-23.



SUBJECT: _____

Compressor Fluid

Models affected: All portable compressors with operating pressures of 350 psi (includes models XHP 650WCAT, XHP900W/SCAT & XHP1250SCAT))

- Symptoms
1. Excessive foaming of compressor fluid
 2. Excessive oil carryover into service air
 3. Oil or foam out of the blowdown valve during shutdown

Cause: These machines have used Mobil SHC 626 oil. Mobil's reformulation of the oil in 1998 affected the foam and air release characteristics of the oil that has revealed the above symptoms.

Remedy: Use Ingersoll-Rand XHP 505 Compressor Fluid. All above models are now factory filled with XHP 505 Compressor Fluid

XHP 505 is available from the Mocksville Parts Department as follows:

5 gallon container	54418835
55 gallon container	54418843
275 gallon container (tote)	54418827

NOTE: Refer to TSB PC10-001 concerning extended airend warranty when using Ingersoll-Rand filters and fluids.

Refer to TSB PC-1-067 for current Portable Compressor fluid requirements.

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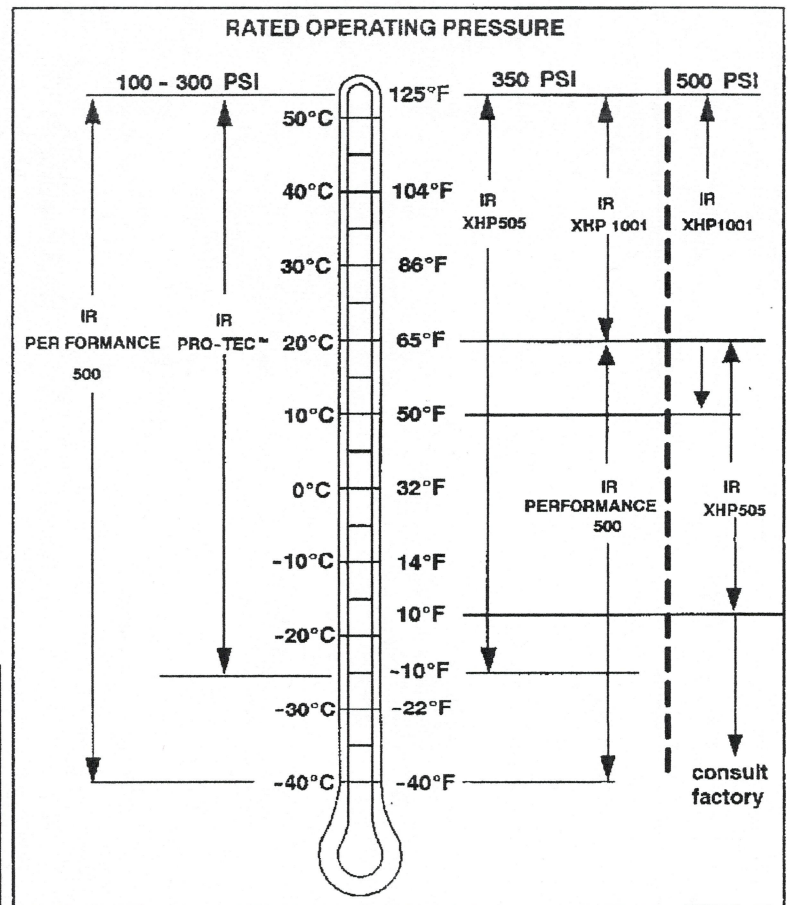
No. PC-1-067
 Date: September 16,



SUBJECT:

Portable Compressor 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.



Design Operating Pressure	Ambient Temperature	Specification
100 psi to 300 psi	-10°F to 125°F (-23°C to 52°C)	IR Pro-Tec™ Mil -PRF 2104G SAE 10W
100 psi to 300 psi	-40°F to 125°F (-40°C to 52°C)	IR Performance 500 Mil-L-46167
350 psi	-10°F to 125°F (-23°C to 52°C)	IR XHP 505
	65°F to 125°F (18°C to 52°C)	IR XHP1001
	-40°F to 65°F (-40°C to 18°C)	IR Performance 500 Mil-L-46167
500 psi	50°F to 125°F (10°C to 52°C)	IR XHP1001
	10°F to 65°F (-12°C to 18°C)	IR XHP 505
	below 10°F (-12°C)	Consult Factory