



TECHNICAL DATA SHEET

REFRIGERATION COMPRESSOR OIL FOR AMMONIA, CFC AND HCFC SYSTEMS

Whitmore's Refrigeration Compressor Oil is based on extremely low wax naphthenic oil for use where an uninhibited oil is required. It is recommended for use in refrigeration compressors using ammonia, CFC (chlorofluorocarbon) and HCFC (hydrochloro-fluorocarbon) refrigerants such as R-11, R-12, R-13, R-113, R-114, R-115, R-22, R-123, R-141b, R-142b, R-717, R-500, R-501 and R-502. It is not recommended for use with HFC (hydrofluorocarbon) refrigerants such as HFC-134a (R-134a).

Whitmore's Refrigeration Compressor Oil is recommended for systems where the evaporator temperature ranges down to approximately -35°F or -37°C.

BENEFITS:

- **CLEAN** – chemically stable and will not form deposits in lines, evaporator, expansion valve and refrigerant control devices.
- **LOW POUR POINT** – will not freeze on the low temperature side of the system.
- **LOW FOAM** – releases dissolved refrigerant without foaming excessively.
- **LOW FLOC POINT** – free of wax and materials that could separate out at low temperature.

APPLICATIONS:

This lubricant is suitable for use in systems using ammonia, CFC and HCFC, but not HFC refrigerant.

ASTM #		TYPICAL CHARACTERISTICS
D-445	Kinematic Viscosity cSt @ 40°C cSt @ 100°C	78.7 7.5
D-2161	Saybolt Viscosity SUS @ 100°F SUS @ 210°F	415.0 51.5
D-2270	Viscosity Index	29
D-97	Pour Point, °F (°C)	-35 (-37)
	Floc Point, °F (°C)	-55 (-48)
Gardner Method	Density, lb/gal @ 60°F (15.5°C) Specific Gravity, g/cc @ 60°F (15.5°C)	7.66 0.92
D-92	Flash Point, °F (°C) Cleveland Open Cup	400 (204)
D-189	Conradson Carbon Residue, % Carbon	0.025
	Total Acid number	<0.02

The above are average values. Minor variations which do not affect product performance are to be expected in normal manufacturing.

PACKAGING

Shuttle Tanks	Nonreturnable Totes	Drums	Kegs	Pails
---------------	---------------------	-------	------	-------

THE WHITMORE MANUFACTURING COMPANY

930 Whitmore Drive • P.O. Box 9300 • Rockwall, Texas 75087 • USA • (972) 771-1000 • Fax: (972) 722-2108
An ISO 9001, ISO/TS 16949, and ISO 14001 Registered Company • <http://www.whitmores.com>

LIMITED WARRANTY: The Whitmore Manufacturing Company makes the Limited Express Warranty that at the date of delivery, its goods shall be free from defects in Whitmore's materials and workmanship and shall meet the express written statements of quality, if any, made by Whitmore in connection with the sale of the goods. Other than such Limited Express Warranty, there are no express warranties made with respect to the sale of goods and all implied warranties existing under the law are expressly disclaimed and negated, particularly, Whitmore NEGATES AND DISCLAIMS THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. All other liability, either in contract or tort, including without limitation, strict liability found in Section 402A of the Restatement of Torts or otherwise, is negated and disclaimed. The sole remedy for Whitmore's breach of such Limited Express Warranty shall be a refund of the purchase price of its goods, and Whitmore shall have no responsibility for incidental or consequential damages sustained as a result of the use of the goods, whether sustained to the goods themselves or to other property. Data listed are subject to usual manufacturing variations.