

PRODUCT DATA SHEET

Royal Ammonia Compressor Oil

Ammonia Compressor Oil



PRODUCT DESCRIPTION:

Royal Air Compressor Oils are highly refined naphthenic mineral oils designed primarily for the lubrication of compressors in industrial refrigeration systems using ammonia as the refrigerant. They are not recommended for use with halocarbon type refrigerants such as Freon. They are also recommended for certain non-compressor applications such as bearings, gears and low-pressure hydraulic systems operating in low temperature conditions.

KEY FEATURES:

- For use in compressors using ammonia as refrigerant

CUSTOMER BENEFITS:

- Can be used in low temperature, non-compressor applications

APPLICATIONS:

Air compressors, bearings, gears and low-pressure hydraulic systems

PACKAGING:

Totes and Drums

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Typical Properties

Royal Ammonia Compressor Oils			
Product Name	Compressor Oil 500	Compressor Oil 700	Test Method
Product Number	606	607	
API	21.84	21.35	
Specific Gravity	0.92277	0.92574	ASTM 4052
Lbs/Gal	7.685	7.71	
Density	0.92225	0.92522	
Flash Point °C	186	191	ASTM D92
Pour Point °C	-18	-15	ASTM D97
Color	<3.5	<3.5	ASTM D1500
Viscosity@100°C cSt	10.65	11.25	ASTM D445
Viscosity@40°C cSt	95	130.5	ASTM D445
Viscosity Index (VI)	35	26	ASTM D2270

Typical Properties are typical of those obtained with normal production tolerance and do not constitute essentially a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.

Health and Safety:

When used for its intended application, this product is not expected to have any adverse health implications. For complete information on safe handling, as well as physical and chemical characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website, www.royalmfg.com, or call 918-584-2671. Do not use this product for purposes other than its intended use. Please be responsible to the environment when disposing of used product.