

ANDEROL PRODUCT DATA SHEET

ROYCO® 889

SYNTHETIC COMPRESSOR LUBRICANT

GENERAL INFORMATION

ROYCO 889 is a synthetic-based lubricant formulated for use in gas compression applications that require wide operating temperature ranges and minimum interaction between the lubricant and the process gas

TYPICAL PROPERTIES:

PROPERTY	TYPICAL
Viscosity, cSt	
@40°C	132.6
@100°C	25.3
Viscosity Index	221
Pour Point, °C	-45
Flash Point, COC, °C	293
Fire Point, °C	304
Specific Gravity, 60°F	1.052
Density, lbs/gal, 60°F	8.75
Copper Strip Corrosion, ASTM	1B
Foam Test, ASTM Seq 1, ml initial, ml final	0/0
Total Acid number, mg KOH/g, ASTM D-974	0.03
Water Content, %	0.058

ROYCO 889

APPLICATIONS

ROYCO 889 is intended for the lubrication of flooded rotary screw and vane-type compressors processing natural gas, carbon dioxide, or other hydrocarbon gases. ROYCO 889 may also be used as a cylinder lubricant for reciprocating compressors processing natural gas, carbon dioxide and other gases that require chemical resistance in an ISO 150 viscosity grade.

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For more information please refer to the relevant Material Safety Data Sheet accompanying each product.

ADVANTAGES

Resists wash off by hydrocarbon gases and liquids

Resists absorption into the gas phase and carry-over of the lubricant downstream

Minimizes dilution effects due to insolubility of the lubricant with hydrocarbons

Higher film-strength than traditional lubricants

Protects against corrosion

Fully compatible with most compressor component materials, including: seals, gaskets, hoses, etc.

COMPATIBILITY

Recommended: Acetone, Alcohol, Asbestos, Butyl Dioctol, Chlorinated Solvents, Glycol Ether, Neoprene, Epoxy Paint, Silicone Rubber, Toluene, Torlon (AMOCO), Vespal (DuPont), and Viton (DuPont).

Questionable: Ethylene Glycol, Triethanolamine, and Water.

Not Recommended: Gasoline, Glycerol, Heptane, Kerosene, Leather, Methanol, and Oil-based paint.

PACKAGING

ROYCO 868 is available in 5-gallon pails and 55-gallon drums. Other packages may be available upon request.

R889: 101003REVDL



ANDEROL®
Specialty Lubricants

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