

ANDEROL PRODUCT DATA SHEET

ROYCO® 880

SYNTHETIC COMPRESSOR LUBRICANT

GENERAL INFORMATION

ROYCO 880 is a synthetic-based lubricant formulated for use in hyper-compressors and natural gas reinjection applications. It features higher film strength than traditional lubricants, protects against corrosion, is fully compatible with most compressor components, and minimizes the effect of H₂S concentrations in sour gas.

ROYCO 880 contains no animal fats or saponifiable products that interfere with well-bore treatment products.

TYPICAL PROPERTIES:

PROPERTY	TYPICAL
Viscosity, cSt	
@40°C	198
@100°C	34.8
@0°C	2,450
Viscosity Index	228
Pour Point, °C	-40
Flash Point, COC, °C	295
Fire Point, °C	320
Specific Gravity, 60°F	1.067
Density, lbs/gal, 60°F	8.89
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	0.01
Evaporation, 100°C, 22 hrs.	0.05

ROYCO 880

APPLICATIONS

ROYCO 880 is intended for the cylinder lubrication of hyper-compressors and in natural gas reinjection applications. ROYCO 880 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 200 viscosity grade.

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

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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 Dioxtol, 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.

R880: 06/99



ANDEROL[®]
Specialty Lubricants

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