

PRODUCT DATA SHEET

Royal Steam Cylinder Oils *Water Displacing Cylinder Lubricants*



PRODUCT DESCRIPTION:

Royal Steam Cylinder Oils are compounded steam cylinder lubricants that exhibit exceptional metal wetting and water displacement ability and enhanced lubricity or “slipperiness”. These oils are recommended for other applications where moisture is present, such as compressed air cylinders compressing wet gas, natural gas compressor cylinders and water injection pumps (triplex, quadraplex, etc.).

Royal Steam Cylinder Oils are also recommended for the lubrication of gear drives operating under normal temperature conditions, providing enhanced lubricity and wear protection compared to conventional industrial gear oils.

KEY FEATURES:

- Metal wetting and water displacement ability

CUSTOMER BENEFITS:

- For use in applications where moisture is present

APPLICATIONS:

Recommended for gear worms and gear drives operating in moist conditions. They are also recommended for gears requiring a non EP lubricant.

PACKAGING:

Totes and Drum

Royal Steam Cylinder Oils
Water Displacing Cylinder Lubricants



Typical Properties

Royal Steam Cylinder Oils			
Product Number	622	623	Test Method
ISO Grade	460	460 - 5%	
API	25.55	24.89	
Specific Gravity	0.90101	0.90481	ASTM 4052
Lbs/Gal	7.504	7.535	
Density	0.90051	0.9043	
Flash Point °F	287	289	ASTM D92
Pour Point °F	1	1	ASTM D97
Color	<2.0	<2.0	ASTM D1500
Viscosity@100°C cSt	28.8	30.39	ASTM D445
Viscosity@40°C cSt	458	484.7	ASTM D445
Viscosity Index (VI)	89	91	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.