



INDUSTRIAL
LUBRICANTS &
SERVICES LIMITED

Technical Data sheet

ILS SC 680

Compounded Steam Cylinder Oil

Description

A high quality compounded mineral oil blended with a fatty component to provide good wetability and improved lubrication for use in wet and saturated conditions typically found in the lubrication of steam engine cylinders.

Typical Applications

ILS SC 680 is suitable for use in lubricating the pistons, cylinders & valves in mobile and stationary non condensing steam engines.

ILS SC 680 is also suitable for use in a range of industrial applications such as worm drive gear boxes utilizing steel worms and bronze gears, certain metal drawing operations and heavily loaded bearings.

Advantages

- Long service life
- Good oxidation resistance
- Good Wet-ability
- Protects gears from rust in wet environments
- High film strength
- High flash point

Typical Properties

Parameter	Test Method	Results
Appearance	Visual	Opaque
Density @ 15 °C	ASTM D1298	0.93
Kinematic Viscosity @ 40°C	ASTM D445	685
Flash Point, COC	ASTM D92	220

Note: Data is typical and does not constitute a specification

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