

Product Description

Mobil Steam Cylinder Oils are high viscosity, high quality lubricants made from solvent refined paraffinic base oils. They are intended for use in heavily loaded bearings and gears as well as in steam engine applications.

Benefits

- Ability to cater for high temperature applications
- Ability to cater for broad temperature ranges occasioned by variable load conditions
- Reduced wear and higher efficiency in worm gearboxes (Mobil 600W Super Cylinder Oil)
- Resistance to formation of carbonaceous deposits in areas subject to high spot temperatures
- Easy separation from condensate (Mobil Extra Hecla Super Cylinder Oil Mineral)
- Good load carrying characteristics
- Provide good sealing film around rods and in glands in steam applications
- Can be applied by both oil dose cups and force feed mechanical lubricating devices

Applications

Mobil 600W Super Cylinder Oil is principally recommended for worm gearboxes where its excellent lubricity provides protection against wear. In steam applications it is recommended for saturated and superheated steam below 260°C.

Mobil Extra Hecla Super Cylinder Oil Mineral are preferred where exhaust steam is used for process work. It can also be used as a tempering oil for bath temperatures up to about 290 °C.

All Mobil Steam Cylinder Oils are recommended where heavy loads, slow speeds or high temperatures demand high viscosity lubricants in bearings and enclosed gear sets.

Properties

All Mobil Steam Cylinder Oils have a high level of resistance to chemical and oxidation deterioration to reduce the tendency for deposit build-up at high temperatures.

They also have sufficient adhesiveness to provide continual protection against metal to metal contact and wear by resisting film rupture.

Health and Safety

Based on available toxicological information, it has been determined that this product poses no significant health risk when used and handled properly.

Details on handling, as well as health and safety information, can be found in the Material Safety Data Bulletin which can be obtained through Mobil Oil Company Ltd., by telephoning 01372 22 2000.

Typical physical characteristics are given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications.

Product Characteristics

	Mobil 600W Super Cylinder Oil	Mobil Extra Hecla Super Cylinder Oil Mineral
ISO Viscosity Grade	-	1000
Viscosity, cSt at 40°C	530	920
Viscosity, cSt at 100°C	30.5/33.5	40.0/43.0
Pour Point, °C	3	-6
Flash Point, °C COC	282	304
Fixed Oil Content	5%	-

Due to continual product research and development, the information contained herein is subject to change without notice

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