

Gencyl 1000

Steam Cylinder and Worm Gear Oil

Description

Gencyl 1000 is a compounded high quality steam cylinder oil possessing excellent lubricating properties and has effective resistance to thermal degradation. Gencyl 1000 has the ability to resist the washing effect of water and maintain good lubrication and sealing films in steam cylinders. The compounding also enhances the load carrying capabilities of the oil.

Application

Gencyl 1000 is recommended for superheated steam engine applications above 260 °C and is suitable for worm gearboxes operating at slow rubbing speeds up to 1,2 m/s. Gencyl 1000 oil is used where heavy loads, slow speeds or high temperatures justify a high viscosity oil in bearings and enclosed gears. In worm gearboxes, in particular, its lubricity provides excellent protection against wear. Gencyl 1000 can be applied by oil dose cups and force feed mechanical devices.

Benefits

- Excellent lubricity.
- Good oxidation stability.
- Resistance to deposit formation.
- Good load carrying capabilities.
- Reduced wear under boundary lubrication conditions.

Typical Physical Characteristics

| Gencyl 1000 | |
|-------------------------|------------|
| Viscosity, cSt @ 40 °C | 900 |
| Viscosity, cSt @ 100 °C | 42 |
| Flash Point, °C, min. | 296 |
| Pour Point, °C, max. | +3 |
| Fixed Oil, % | 5,0 |
| Colour, Visual | Dark Green |
| Density @ 20 °C, kg/l | 0,925 |

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Due to continual product research and development, the information contained herein is subject to change without notification. Refer to the Material Safety Data Sheet (MSDS) for information on the safe handling and use of this product.

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