



Atwater *Steam Cylinder Oil*

TECHNICAL DATA SHEET

Product Description:

Veedol Atwater oils are compounded type cylinder base stocks having high viscosity index, high flash point and good oiliness characteristics.

Performance Specifications:

Meets & exceeds the performance requirements of

- IS 1589: 1994 (Reaffirmed in 2016)

Features/Benefits:

- Specially compounded to resist water washing.
- High load carrying capacity.
- Protection against rust and corrosion.

Application:

- Recommended for steam engines operating under wet saturated steam conditions.
- Widely used in calendar bearings and sugar mill roller bearing.
- Also recommended for lubrication of worm gears

Typical Properties:

| Test Parameter | ASTM Test Method | Typical Values | |
|----------------------------------|------------------|----------------|-------------|
| | | Atwater 460 | Atwater 680 |
| Kinematic Viscosity, @ 40°C, cSt | ASTM D 445 | 458.7 | 677.1 |
| Viscosity Index | ASTM D 2270 | 96 | 90 |
| Flash Point (COC), °C | ASTM D 92 | 254 | 300 |
| Pour Point, °C | ASTM D 97 | -3 | -3 |

Properties mentioned above are typical only and minor variations which do not affect the product performances, are to be expected in normal manufacturing.