



Technical Data Sheet

Hydraulic Oil 46

Product Description

Premier provides a comprehensive range of premium quality hydraulic oils formulated from solvent refined mineral base oils with additives to provide excellent protection against oxidation, corrosion, wear and foaming.

Hydraulic oil 46 is blended to ISO 46 viscosity grade requirements and is suitable for use in a wide range of mobile and static hydraulic equipment including forklifts, excavators, lifts, presses, injection moulders etc, where the use of an ISO 46 grade hydraulic oil is specified.

Features/Benefits:

- Excellent anti-wear, anti-corrosion, anti-rust performance
- Low air retention / air entrainment
- Low foaming
- Shear stable
- Good thermal stability and resistance to oxidation

Performance/Specifications:

Hydraulic oil 46 meets a comprehensive range of international performance and specification requirements including:

- DIN 51524 Parts 1 and 2 (HLP)
- DIN 51525
- Denison HF-2
- Cincinnati Machine P-68, P-69, P-70
- AFNOR NFE 48-603(HM)
- ISO 6743-4; 2015 – type HM
- Vickers: I-286-S, M-2950-S
- DIN 51502 – type HLP

Typical Properties:

Density, g.cm ⁻³ @ 15.5°C	0.870
Flash Point	220°C
Pour Point	-30°C
Viscosity	
Kinematic, 40°C	46 cSt
Kinematic, 100°C	6.7 cSt
Viscosity Index	100