



TECHNICAL DATA SHEET

HYDRAULIC 46

Mineral oil based anti-wear hydraulic oil

Product code: U413

Product Description:

Hydraulic 46 is manufactured from highly refined base stocks which possess good oxidation resistance and thermal stability. It is fortified with carefully selected additives to further improve performance characteristics including anti-corrosion to protect the system should water be present, anti-wear to reduce wear in pumps used in hydraulic systems, anti-oxidants and antifoam.

Benefits:

- Incorporates inhibitors for protection against all forms of corrosion
- Good anti-foaming and air release properties
- Good demulsification characteristics
- Excellent anti-wear performance
- High oxidation resistance and thermal stability
- Suitable for the majority of hose materials

Applications:

Hydraulic 46 is suitable for a wide variety of applications. These include industrial hydraulic systems, agricultural and plant equipment, mobile units such as jacks, lightly loaded gears and many others.

Product Specification:

DIN	51524 Part 2, category HLP
ISO	6743/4, category HM
Denison	HF-2, TP-02100 Filterability Test
Sperry Vickers	M-2950-S, I-286-S
Afnor	NF E 48-600
Thyssen	TH N-256132
US Steel	127
SEB	181.222
VDMA	24318

Typical Test Data:

Specific Gravity @ 15.6°C	0.878
Kinematic Viscosity @ 40°C (cSt)	46.0
Kinematic Viscosity @ 100°C (cSt)	6.75
Viscosity Index	100
Flash Point (COC °C)	220
Pour Point (°C)	-32