

Hydraulic H 46

Description

A high grade EP multigrade hydraulic oil based on carefully selected solvent refined base oils under addition of additives to obtain the following properties:

- a high and stable viscosity index
- excellent wear-preventing properties
- a very good activity against corrosion
- an excellent stability against oxidation
- very good demulsification properties
- very good deaerating and foam suppressing properties
- good compatibility with seals and gaskets made from synthetic material
- a low pour point

Application

This hydraulic fluid is of tailormade quality for heavy duty hydraulic systems of earthmoving equipment and of permanent installations that have to work under high pressures over a wide temperature range. This fluid is not compatible in systems, containing parts or equipment with a silver lining.

Specifications

Performance level:

- AFNOR NF E 48603- HV
- ASTM D 6158 HV
- Cincinnati Machine P-70
- Denison HF-0/HF-1/HF-2
- DIN 515243- HVLP
- Eaton Brochure 694 for 35VQ25A
- GM LS-2
- ISO 11158 HV

Typicals

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|--------------------------------------|-------|
| Density at 15 °C, kg/l | 0,860 |
| Viscosity 40 °C, mm ² /s | 45,80 |
| Viscosity 100 °C, mm ² /s | 8,04 |
| Viscosity Index | 149 |
| Flash Point COC, °C | 220 |
| Pour Point, °C | -42 |
| Acid number, mgKOH/g | 0,40 |
| Sulphate Ash, % | 0,06 |