



FLUID PO 6

HV HYDRAULIC FLUID FOR CIVIL ENGINEERING EQUIPMENT



HYDRAULIC RANGE
CATEGORY ISO-L-HV
ISO GRADE 46

STANDARDS & SPECIFICATIONS
DENISON HF2
EATON VICKERS M.2950S



APPLICATIONS

FLUID PO 6 is particularly well adapted to the requirements of Civil Engineering equipment, as well as for outside equipment.

BENEFITS

- **Resistance to oxidation:** guarantees a long service life for the fluid, enabling the time between oil changes to be increased without endangering the equipment.
- **Thermal stability:** suitable for work at temperatures above 60 °C without any risk of rapid deterioration of the anti-wear additives (which is the case with standard fluids).
- **Hydrolysis resistance:** most fluids become degraded when water is present and form varnishes which clog filters. **FLUID PO 6** eliminates this risk and remains stable, even in the presence of water. (Stabilised zinc formulation).
- **Filterability:** **FLUID PO 6** can still be filtered when water is present; only impurities are retained in the filter. No risk of diminishing the additives.
- **High viscosity index:** low viscosity variation with temperature, guaranteeing high operability when cold and good lubrication when hot.
- **Shear resistance:** a high shear resistance guarantees a stable viscosity over time.
- **Low pour point:** lowers the minimum operating limit.
- The ISO grade is met throughout the service life.

PERFORMANCES

PERFORMANCE LEVELS

ISO 20763 Category HV
ISO 11158 Category HV
ISO 6743-4 Category HV
AFNOR NFE 48-603 Category HV
DIN 51524 Partie 3 Category HV-LP

PERFORMANCE LEVELS

DENISON HF2
EATON VICKERS M.2950 S



CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
ISO grade	-	-	46
Colour	-	visual	Blue
Specific gravity at 15°C	kg/m ³	NF T 60-101	870
Kinematic viscosity at 40°C	mm ² /s	NF T 60-100	48,4
Kinematic viscosity at 100°C	mm ² /s	NF T 60-100	8,4
Viscosity index	-	NF T 60-136	150
Pour point	°C	NF T 60-105	-36
Flash point	°C	NF T 60-118	192
Aniline point	°C	NF M 07-021	105
Copper corrosion	quotation	NF M 07-015	1a
FZG damage load stage	-	DIN ISO 14635-1	9

This typical data is given for information only

HEALTH, SAFETY AND ENVIRONMENT

Disposal methods must comply with current applicable regulations concerning the disposal of used oils.

Store in a sheltered area.

Our technical department is available to help and advise you if needed.