

HYDRAN TSX 46



High performance hydraulic oils.

APPLICATIONS

- Any hydraulic systems working in conditions of pressures and high temperatures.
- Particularly adapted to machines working outside, starting up easy to very low temperature (-30°C) and regular functioning in any seasons...

PERFORMANCES

Category HV

- ISO 6743/4 HV
- DIN 51524 P3 HVLVP
- AFNOR NF E 48-603 HV
- CINCINNATI MILACRON P68, P69, P70
- DENISON HF0-HF2

CUSTOMER BENEFITS

- Very high viscosity index.
- Excellent thermal stability associated to an exceptional oxidation resistance.
- Very good anti-wear properties.
- Very good stability in the hydrolysis.
- Very good filterability with or without water.
- Excellent properties anticorrosion, rust inhibitor and antifoam.
- Very low flow point.

CHARACTERISTICS

HYDRAN TSX 46	Units	Methods	
Density at 15°C	kg/m ³	ISO 3675	874
Viscosity at 40°C	mm ² /s	ISO 3104	46
Viscosity at 100°C	mm ² /s	ISO 3104	8,4
Viscosity index	-	ISO 2909	161
Cleveland flash point	°C	ISO 2592	215
Pour point	°C	ISO 3016	-39

The typical characteristics mentioned represent mean values.

TOTAL LUBRIFIANTS
16, rue de la République
F- 92800 PUTEAUX
1/1

HYDRAN TSX 46
July 2006
MGP/07/06



This lubricant, when used in accordance with our recommendations and for the application for which it is intended, does not constitute a special hazard
A safety data file conforming to the requirements of current EC legislation is available from your local trade consultant.