



Description

The lubricant MAKER HYDROFLUX PLATFORM 46 is manufactured using selected base stocks and special additivation to make it more efficient than a general hydraulic oil.

This oil is specially suitable for most hydraulic circuits, including those requiring special anti-wear protection, both in industry and motoring (dumpers, civil works machines, etc.), regardless of the type of pump with which they are equipped and pressures under which they work. Specially developed for use in hydraulic systems of aerial platforms. Excellent behaviour at low temperatures with a very low pour point.

Properties

- Resistance to oxidation, ageing and sludge formation.
- Very low pour point.
- High viscosity index.
- Compatible with joints.
- Good anti-foam properties.
- Marked anti-wear properties.
- Easy water separation.

Quality levels, approvals and recommendations

- AFNOR NF ISO 11158 HM, 48-690, 48-691
- DIN 51524-HLP
- ISO 6743/4 HM, 11158 HM



Technical specifications

	UNIT	METHOD	VALUE
ISO Viscosity Grade			46
Density at 15 °C	g/cm3	ASTM D4052	0.872
Kinematic viscosity at 40 °C	cSt	ASTM D445	46
Kinematic viscosity at 100 °C	cSt	ASTM D445	6.7
Viscosity index	-	ASTM D2270	97
Flash point, open cup	°C	ASTM D92	246
Pour point	°C	ASTM D97	-33
FZG (A/8,3/90): Failure load stage	-	ISO 14635	11
4 Ball wear, print diameter (40 kg)	mm	ASTM D2266	0.45
Corrosion Cu, 3hrs 100 °C	-	ASTM D130	1b
Res. to oxidation, NN @1500h	mg KOH/g	ASTM D943	<2
RPVOT	min	ASTM D2272	400
TAN	mg KOH/g	ASTM D664	0,38
Water separability at 54 °C	min	ASTM D1401	<30

The above mentioned characteristics are typical values and should not be considered product specifications.