



# MAKER HYDROFLUX EP

## Description

The lubricants included in this range are manufactured using selected and carefully additivated bases to make them hydraulic oils for general use.

These oils are 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.

## Properties

- Resistance to oxidation, ageing and sludge formation.
- 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

- DIN: 51524-HLP (ISO VG 32, ISO VG 46, ISO VG 68)
- ISO: 6743/4 HM, 11158 HM (ISO VG 32, ISO VG 46, ISO VG 68)

## Technical specifications

	UNIT	METHOD	VALUE		
ISO Viscosity Grade			32	46	68
Viscosity at 100 °C	cSt	ASTM D445	5.4	6.7	8.3
Viscosity at 40 °C	cSt	ASTM D445	32	46	68
Viscosity index	-	ASTM D2270	100	97	92
Density at 15 °C	g/cm3	ASTM D4052	0.870	0.876	0.885
Flash point	°C	ASTM D92	>180	>200	>200
Pour point	°C	ASTM D97	<-18	<-15	<-12
FZG, damage stage	-	DIN 51354	>10	>10	>10
Oxidation stability, max acidity after 1000 h	mgKOH/g	ISO 4263	<2	<2	<2
Water separability at 54 °C	mín	ASTM D1401	<30	<30	<30

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