

HYDROFLUX EP



INDUSTRY

Lubricants

Description

Hydroflux EP has been developed to exceed most of the quality Standards issued by hydraulic system manufacturers. Lubricant formulated using selected GII base oils and carefully additive technology to make a hydraulic oil with outstanding antiwear and pumpability performance. These oils are especially suitable for most hydraulic circuits, including those requiring special anti-wear protection working in the harshest conditions.

Properties

- Resistance to oxidation, ageing and sludge formation.
- Low Pour Point to encourage the lubricity in cold areas.
- High viscosity index to perform in a wider temperature range.
- Technology compatible with most of the rubbers in joints.
- Good anti-foam properties and demulsibility.
- Improved and reinforced anti-wear properties.
- Easy Water Split from lubricant if there is a pollution.

Quality levels

- DIN-51524 Part 2 HLP
- ISO 6743/4 HM
- ISO 11158
- AFNOR NF E 48-603 HL, HM

Technical specifications

	UNIT	METHOD	VALUE	
ISO Grade			46	68
Viscosity at 100 °C	cSt	ASTM D 445	6.7	8.6
Viscosity at 40 °C	cSt	ASTM D 445	46	68
Viscosity index		ASTM D 2270	97	97
Density at 15 °C	g/cm ³	ASTM D 4052	0.876	0.882
Flash point	°C	ASTM D 92	231	246
Pour point	°C	ASTM D 97	-24	-24
FZG, damage stage		DIN 51354	11	11
4B wear, scar diameter	mm	ASTM D 4172	0.45	0.45
Res. Oxidation acid number at 1500 hrs	mg KOH/g	ASTM D 943	<2	<2
De-emulsification ⁽¹⁾ 54 °C/ ⁽²⁾ 82 °C)	min	ASTM D 1401	<20 ⁽¹⁾	<30 ⁽²⁾
Copper corrosion 3 h at 100 °C		ASTM D 130	1b	1b

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

A safety data sheet is available on request.

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