HYDROFLUX EP

INDUSTRY

Lubricants

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

- DIN-51524 Part 2 HLP
- ISO 6743/4 HM
- ISO 11158
- AFNOR NF E 48-603 HL, HM
- FILTERABILITY TEST AFNOR NF E 48-690 and 48-691

Technical specifications

	UNIT	METHOD	VALUE					
ISO Grade			**22**	**32**	**46**	**68**	**100**	**150**
Viscosity at 100 ºC	cSt	ASTM D 445	4.3	5.4	6.7	8.6	11.1	14.5
Viscosity at 40 ºC	cSt	ASTM D 445	22	32	46	68	100	150
Viscosity index		ASTM D 2270	103	104	97	97	97	96
Density at 15 ºC	g/cm^3	ASTM D 4052	0.865	0.878	0.876	0.882	0.887	0.893
Flash point	ºC	ASTM D 92	210	226	231	246	264	264
Pour point	ºC	ASTM D 97	-24	-24	-24	-24	-21	-21
FZG, damage stage		DIN 51354	--	11	11	11	11	11
4B wear, scar diameter	mm	ASTM D 4172	0.50	0.50	0.45	0.45	0.45	0.45
Res. Oxidation, acid number at 1500 hrs	mgKOH/g	ASTM D 943	<2	<2	<2	<2	<2	<2
De-emulsification ((1) 54 ºC/(2)82 ºC)	min	ASTM D 1401	<20(1)	<20(1)	<20(1)	<30(1)	<30(2)	<30(2)
Copper corrosion 3 h at 100 ºC		ASTM D 130	1b	1b	1b	1b	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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