

High Viscosity performance anti-wear hydraulic oil

APPLICATIONS

- Designed for use in all kind of hydraulic systems running under the most difficult conditions, such as in machine tools, mould injection machines, presses and other industrial or mobile equipment.
- Also used in many other applications, where a universal high-performance anti-wear lubricant is the first choice: low charged gears, sliding and roller bearings, air compressors, servo-motors and control systems equipped with fine filtration systems.

SPECIFICATIONS

- PETRE HYDRAULIC LZ 46 oils meet the following International Specifications:
- AFNOR NF E 48-603 HM
- ISO 6743/4 HM
- DIN 51524 P3 HLP
- VICKERS M-2950S, -I-286
- DENISON HFO, HF1, HF2 (T6H20C)

ADVANTAGES

- High protection against wear ensuring maximum equipment life.
- Superior thermal stability avoiding the formation of sludge even at high temperature.
- Very good oxidation stability ensuring a long service life of the fluid.
- Remarkable filterability even in the presence of water.
- Excellent hydrolytic stability avoiding filter blocking.
- Excellent protection against rust and corrosion.
- Good anti-foam and air release properties by using silicon free components.
- Good deductibility ensuring rapid water separation.
- Reduced maintenance and operating costs.

TYPICAL CHARACTERISTICS

	METHODS	UNITS	HYDRAULIC LZ						
			10	22	32	46	68	100	150
Appearance	Internal	-	Clear Liquid						
Density at 15°C:	ISO 3675	Kg/m ³	846	866	875	880	884	888	892
Viscosity at 40°C:	ISO 3104	mm ² /s	10	22	32	68	68	100	150
Viscosity at 100°C:	ISO 3104	mm ² /s	2.6	4.4	5.4	8.7	8.7	11.2	14.5
Viscosity index:	ISO 2909	-	100	102	102	100	100	100	97
Cleveland flash point:	ISO 2592	°C	170	221	227	232	242	254	268
Pour point:	ISO 3016	°C	-33	-30	-27	-21	-21	-18	-18
Filterability 0.8 μ without water:	NF E 48-690	Index (IF)	1	1	1	1.02	1.01	1.05	1.05
Filterability 0.8 μ with water:	NF E 48-691	Index (IF)			1.5	1.5	1.5		

Above characteristics are mean values given as an information.

PETRE HYDRAULIC LZ 46

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This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.

A material safety data sheet conforming to the regulations in use in the E.C. can be down loaded from info@conlanoils.com