AIMOL Hydrotech HFDU

Fire resistant hydraulic fluid

DESCRIPTION

AIMOL Hydrotech HFDU is a long life hydraulic fluid with high flash point synthetic ester, provided with good lubricating properties and long equipment life. Meets the requirements of ISO 6743/4 standard as FIRE RESISTANT HFDU CLASS.
AIMOL Hydrotech HFDU can be applied as hydraulic fluid whenever operating close to heat source.
AIMOL Hydrotech HFDU is highly biodegradable so small leakages will not cause contamination.

APPLICATIONS

AIMOL Hydrotech HFDU is suitable for hydraulic applications in:

- Hot rolling;
- Continuous casting;
- Ingots conveyors;
- Metal casting;
- Stamping, forging and sintering;
- Thermic treatment ovens;
- Welding machines.

USE CONDITIONS

When using AIMOL Hydrotech HFDU in a circuit which had been operating with a mineral hydraulic oil, it is sufficient to proceed as follows:

- Unload the circuit and clean the tank, making sure that the inner wall is not painted
- Take off and clean the filters
- Load the tank with **AIMOL Hydrotech HFDU** to the minimum level
- Run the circuit 1 or 2 hours under low pressure monitoring all movements
- Unload, and then set the filters, load again the tank with new **AIMOL Hydrotech HFDU**, and operate in normal conditions

No special care is required when handling this product. **AIMOL Hydrotech HFDU** is compatible with most of the joints rubbers of the mineral oil operated circuits. Natural rubbers and polyurethane are not advised.

TYPICAL FIGURES

ISO-VG Grade	HFDU 46	HFDU 68
Nature	Synthetic ester	
Flashpoint C.O.C. in ˚C	290	302
Viscosity at 40˚C, cSt	46	68
Density at 20˚C	0.920	0.935
Viscosity Index	185	178
Pour point in ˚C	-20	-18
Self-ignition point, ˚C	400	400
Neutralisation index, mg/KOH/gr. max	0.5	1.0
Biodegradability, %	>85	>85

TECHNICAL DATA INFO LINE

Should you require additional information or advice on AIMOL products, please contact us as per the details below.

HEALTH AND SAFETY

AIMOL Hydrotech HFDU has no adverse health effects provided it is used as directed.

DISCLAIMER

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