

Blahydrol HFD U 46

Art. 5133

Description: Blahydrol HFD U 46 is an ester based flame-resistant biodegradable hydraulic fluid, type HFD U. Contains additives enhancing protection against wear, corrosion and ageing.

Applications: Ideal for hydraulics systems exposed to fire risk, as for example in mines. Also wherever biodegradability is a prime requirement.

Product characteristics

- Rapid biodegradability to ISO/DIN 15380
- High self-ignition temperature
- Excellent viscosity-temperature characteristic
- Good compatibility with commercial seal materials and paints
- Toxicologically safe
- Good ageing stability

Benefits

- Environment friendly
- Flame resistant
- Wide applications
- Less risk of leakage
- No health risk; no statutory labelling obligation
- Long oil fill life

Specifications/approvals: Complies with the requirements of:

- DIN EN ISO 6743-4 for flame resistant fluids
- DIN EN ISO 12922
- 7th Luxembourg Report on Fire-Resistant Hydraulic Fluids

Physical-chemical data:

ISO viscosity class			46	DIN 51519
Density	at 20°C	Kg/m3	916	DIN 51757
Viscosity	at 0°C	mm2/s	380	DIN 51562-1
	at 40°C	mm2/s	48	
	at 100°C	mm2/s	9.1	
Viscosity index			174	DIN ISO 2909
Flashpoint	COC	°C	280	DIN EN 2592
Pourpoint		°C	-27	DIN ISO 3016
Self-ignition temperature		°C	430	
Corrosion protection properties when applied on iron and steel	Procedure A		Passed	DIN ISO 7120
Corrosive effect on copper	3h, 100°C		corrosion degree 1	DIN ISO 2160

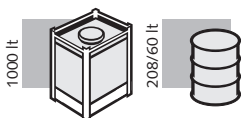
Application: see overleaf

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Application: Do not use at temperatures exceeding 90°C, except for short-term temperature peaks. In case of long-term higher temperatures, shorten oil-change intervals as per manufacturer's guidelines. When replacing mineral oil based hydraulic fluid fillings with HFD fluids, check in particular all hoses, seals and paint-work. Blaser HFD U 46 hydraulic fluid is suitable for use with all seals and materials normally used in hydraulic oil systems.

Safety and environmental aspects:	ADR/RID:	Not classified as hazardous by transport regulations
	Precautions:	Do not allow product to get into ground water, water course or sewage system
	Water hazard class:	Slightly water endangering (WGK 1)
	EC waste code:	13 01 12
	CH waste code:	Identical to EC waste code (as per VeVA of 01.01.06)
	Classification and labelling:	Stated in the safety data sheet



Container sizes: Container: 1000 l Drum: 60 l • 208 l

The data given on this sheet are based on properties and application possibilities as known to us. No general legal liability can be derived from these data. Blaser Swisslube AG will assume no liability for damage resulting from improper use of the products.

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