TDS

GLOBAL BUHMWOO

BW HYDRO BFE- series

HFDU type of fire resistant hydraulic fluid

Description

BW HYDRO BFE-series is synthetic polyol-ester based fire-resistant hydraulic fluid - developed for severe service in all hydraulic applications where a fire hazard exists and petroleum hydraulic oil would be potentially unsafe. Its excellent stability enable itself to prolong fire-resistant properties and resistance to the formation of sludge or deposits in prolonged service.

Benefits

1. Fire-resistance. Bio-degradable.
2. Oxidation stability, viscosity properties and anti-wear performance.
3. Low pour point, good water separability and foam characteristic.

Typical properties

test items	BFE-346	BFE-356	BFE-368	test method
appearance, conc	yellow transparent liquid			VISUAL
specific gravity,15/4°C	0.91	0.92	0.92	ASTM D1298
kin. viscosity,40°C,cSt	46	56	68	ASTM D445
viscosity index	Min. 175	Min. 175	Min. 175	ASTM D2270
flash point, COC,°C	300	300	300	ASTM D92
pour point,°C	Max. -15	Max. -15	Max. -15	ASTM D97
foaming, sq.I, ml	10/0	10/0	10/0	ASTM D892
foaming, sq.II, ml	30/0	30/0	30/0	ASTM D892
foaming, sq.III, ml	10/0	10/0	10/0	ASTM D892
copper corosion, 100°Cx3hrs	1A	1A	1A	ASTM D130

*The test results are typical properties of fresh oil, can be changed by quality improvement.

Seal & Compatibility

Compatible sealing and packing materials	Not compatible with
Fluro elastomer (Viton, Tefron)	**Butyl rubber**
Polyurethane rubber, Acryl rubber	**EPR**
NBR(Medium to high nitrile, Buna N)	**NBR(Low nitrile rubber)**

Application

Where ISO-L-HFDU type of Fire-Resistant hydraulic fluid is needed.
Steel industry, automatic press welder, heat furnace, die-casters, power

Term of

12 months from the date of manufacture at sealed state, 0 to 40°C.

Safety

Refer to the our MSDS for safety information

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