



FUMIO LUBE

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LUBRICATING OIL

FL HYDROFLUID G 46

FL HYDROFLUID G-46 is a high performance synthetic water polymer fire resistant hydraulic fluid.

Properties and advantages :

- FL HYDROFLUID G-46 provide excellent anti wear performance, insuring a long lifetime of the equipment.
- Very good corrosion protection properties.
- Good air release properties and no foaming problems.
- Thanks to its formulation. FL HYDROFLUID G-46 has a long service life providing reduction in maintenance costs.
- FL HYDROFLUID G-46 is miscible with the other HFC type fluids; nevertheless, compatibility is advised.

Applications :

- Regulation and hydraulic circuits of furnaces in the steel industry, heat treat ovens for quenching operations drying furnace and other application in fire risk areas, as in mining industry
- Hydraulic systems of mould injection machines manufacturing aluminum pieces and other alloys pieces.

Operating temperature range form -20°C to 60°C

Performance level :

ISO 6743/4 HFAS

Typical Characteristics :

METHODS	CHARACTERISTICS	FL HYDROFLUID G-46
Visual	Appearance	Red
ASTM D4052	Density at 20°C, kg/l	1.08
ASTM D445	Viscosity at 20°C, mm ² /s	99.5
ASTM D445	Viscosity at 40°C, mm ² /s	44.5
	Viscosity index	206
ASTM D97	Pour point, °C	-60
	pH at 20 °C	8.9
NF 60603	4-ball wear test, scar dia., mm	0.61

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