



Daphne Firgist G

Anti Wear Fire Resistance Water Glycol Hydraulic Fluid

Description

A non-flammable type hydraulic fluid formulated with water, glycol and various additives like anti-rust, anti-foaming, anti-wear agents.

Application

Recommended for use in hydraulic equipment and systems where there is potential fire hazard. Widely used in die-casting machines, various types of furnaces, hot rolling mills, glass moulding machines and welding equipment.

Characteristics

1. **Non Flammability** - Reduces danger of oil-related fire hazard.
2. **High Viscosity Index** - Able to maintain minimum viscosity changes over a wide temperature range.
3. **Good Anti-Wear Properties** - Reduces pump wear of hydraulic system.
4. **Very Low Pour Point** - Able to be used under low temperature conditions.
5. **Good Rust Preventive And Long Service Life.**

* Note

- Can be used with normal oil-proof packing and gasket except cork and leather type packings
- To maintain optimum performance, keep temperature of fluid under 50°C
- Make up to original viscosity with pure/distilled water when viscosity increased due to evaporation

Packing

20L pail, 200L drum

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Typical Specifications

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Available Grades	ASTM	
	METHOD	
Colour	-	Light Red
Density 15 °C g/cm ³	D-4052	1.0564
Flash Point (COC) °C	D-92	226
Viscosity, cSt @ 40 °C	D-445	47.32
@ 100 °C		10.32
Viscosity Index	D-2270	214
Pour Point, °C	D-6749	-50
Foaming (ml) @ 24 °C	D-892	10-0
Refractive Index ND20	-	1.4116

	Maintenance Criteria
Viscosity @ 40 °Cmm ² /s	40 ~ 50
P H	9.5 ~ 10.5
Total Base No. (mgKOH/g)	20 >
Milipore Filter @ 5μ mg/1	< 5
Water Content wt %	35 >

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