



Daphne Super Hydro A Series

High Performance Hydraulic Oil

Description

Daphne Super Hydro A series of Zinc-free hydraulic fluids have been formulated with highly refined hydro-treated base oil together with anti-wear, anti-oxidant and various additives to provide superior performance in hydraulic systems.

Application

This series of hydraulic fluid is suitable for all hydraulic power units including the advanced high-pressure hydraulic power units, which operate with higher thermal load.

Characteristics

1. **Excellent Heat Resistance, Oxidation And Thermal Stability** - A highly refined hydro treated paraffin base oil and anti-oxidant assures excellent oxidation and thermal stability and reduce sticking problems caused by formation of sludge. Prevents sludge formation in the hydraulic tank and filter.
2. **Extended Oil Change** - Much longer oil change interval compared with those Zinc anti-wear type hydraulic fluids.
3. **Excellent Anti-Wear Properties** - Addition of special anti-wear agent assures excellent anti-wear properties to reduce maintenance down time.
4. **Excellent Demulsibility** - Extremely quick separation with water prevents it from emulsifying with water makes it most suitable for preventing machine parts from rust and corrosion.
5. **Low Pour Point** - Addition of pour point depressant reduces power loss and warming up time, ensuring energy conservation.

Packing

20L pail, 200L drum

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**Typical Specifications****Daphne Super Hydro A Series**

Available Grades	ASTM METHOD	32A	46A	68A	100A
Colour	D-1500	L0.5	L0.5	L0.5	L1.5
Density 15 °C g/cm ³	D-4052	0.8588	0.8662	0.8736	0.8790
Flash Point (COC) °C	D-92	232	234	238	250
Viscosity, cSt @ 40 °C	D-445	33.43	47.26	68.63	100.1
@ 100 °C		5.812	7.170	8.933	11.22
Viscosity Index	D-2270	116	111	104	97
TAN (mgKOH/g)	D-974	0.17	0.17	0.17	0.18
Pour Point °C	D-6749	-38.0	-38.0	-35.0	-
Foaming @ 24°C	D-892	10-0	10-0	10-0	10-0

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