

DAPHNE SUPER HYDRO A

Description

DAPHNE SUPER HYDRO A is hydraulic fluid that can be applied to all types of hydraulic equipment, including high-performance high-pressure hydraulic systems, which are susceptible to thermal loads.

Features & Characteristics

This non-Zn-based wear-resistant hydraulic oil combines a paraffinic base oil that has been subjected to a highly hydro reforming process with various additives, including special antiwear agents and antioxidants.

- (1) Excellent heat resistance lead to low sludge generation, and little sludge adherence to tanks and filters
- (2) Compared to Zn-based wear-resistant hydraulic oil, this product can extend the oil change interval and reduce sludge trouble.
- (3) It suppresses cavitation and effective in preventing equipment troubles.
- (4) It has other performances required for hydraulic oil.

Chemical and Physical Properties

Test Item	Test Method	Unit	22A	32A	46A	68A	100A	150A
Density at 15°C	ASTM D4052	g/cm ³	0.84	0.86	0.87	0.87	0.87	0.88
Viscosity at 40°C	ASTM D445	mm ² /s	21.7	31.7	45.7	68.6	97.6	146.2
Viscosity at 100°C	ASTM D445	mm ² /s	4.5	5.4	6.9	9.0	11.5	15.2
Viscosity Index	ASTM D2270	-	123	105	107	106	105	105
Acid Number	ASTM D974	mgKOH/g	0.15	0.16	0.14	0.14	0.18	0.17
Color(ASTM)	ASTM D1500	-	L0.5	L0.5	L0.5	L0.5	L0.5	L0.5
Flash point(COC)	ASTM D92	°C	218	218	230	248	268	274
Pour Point	ASTM D97	°C	-42.5	-40.0	-40.0	-32.5	-30.0	-17.5
Foaming @24°C	ASTM D892	ml	0-0	0-0	0-0	0-0	0-0	0-0

Package

200L D/M, 20L P/L

- Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provide in the Safety Data Sheet (SDS) are followed.
- SDS is available upon request through your sales contract office, or via the internet.
<https://www.idemitsu.com/jp/business/lube/>
- Due to continual product research and development, the information contained herein is subject to change without notification.

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