



Daphne Alpha Thermo 32B

High Performance Heat Transfer Oil

Description

Daphne Alpha Thermo 32B is a full synthetic heat transfer fluid specially formulated with fully synthetic base oil and various additives to provide excellent heat transfer performance.

Application

Recommended for both closed and semi-closed heating system with operating temperature up to 260°C.

Characteristics

1. Daphne Alpha Thermo 32B does not decompose up to 280°. Even if the temperature exceeds 280°C, it is still able to prevent carbonisation.
2. Excellent anti-corrosion properties.
3. Odourless thus contributing to pleasant working environment.
4. Excellent anti-oxidation properties to prevent formation of sludge.

Packing

20L pail, 200L drum

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Lubricant Product Information



Typical Specifications

Daphne Alpha Thermo 32B

ASTM METHOD

Colour	D-1500	L0.5
Density 15 °C g/cm ³	D-4052	0.8706
Flash Point (COC) °C	D-92	188
Viscosity, cSt @ 40 °C	D-445	33.55
@ 100 °C		4.410
TAN (mgKOH/g)	D-664	0.01>
Pour Point °C	D-6749	-45
Carbon residue %	-	0.01>

Variation of Properties with Temp

Temp. (°C)	Density kg/m ³	Specific heat kcal/kg°C	Heat conductivity kcal/m hr °C	Viscosity C P	Steam Pressure mm Hg
0	879	0.44	0.117	560	-
50	852	0.48	0.113	17.7	-
100	824	0.52	0.110	3.63	0.03
150	796	0.56	0.107	1.45	0.88
200	769	0.60	0.103	0.82	11
250	742	0.64	0.100	0.55	68
300	714	0.69	0.097	0.41	281

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