



Daphne Alpha Gear Oil Series

High Performance Gear Oil

Description

The premium quality gear oil formulated with synthetic base oil incorporating various additives such as special extreme pressure additives, oxidation inhibitor, rust prevention additive, anti-foaming and oiliness agents to provide excellent performance.

Application

Recommended for use as a lubricating oil for all kinds of reduction gear.

Characteristics

1. **High Viscosity Index And Extremely Low Pour Point.**
2. **Excellent Oxidation Stability** - A combination of oxidation inhibitor and synthetic base oil assures excellent oxidation stability under severe/ high temperature operating condition and assures longer oil life.
3. **Excellent Anti-Pitting, Anti-Wear & Anti-Seizure Properties** - Addition of special oiliness and extreme pressure agents give this oil excellent anti-pitting, anti-wear & anti-seizure properties which help to extend gear service life.
4. **Excellent Demulsibility** - Extremely quick separation with water prevents formation of sludge and rust.
5. **Excellent Anti-Corrosion & Anti-Rust Properties** - Effective rust preventive agent and corrosion inhibitor prevent corrosion caused by water and acid produced through deterioration process.
6. **None Corrosive To Sealing Materials.**
7. **Clear/ Transparent.**

Packing

20L pail, 200L drum

The information provided is to our best knowledge, true & accurate, subjected to change without notification due to continual product research and development. All recommendations or suggestions are without guarantee since the conditions of use are beyond our control. The manufacturers do not accept liability for any loss or damage, however arising, which results directly from the use of such information, nor do we offer any warranty of immunity against patent infringement.

Lubricant Product Information



Typical Specifications

Daphne Alpha Gear Oil Series

Available Grades	ASTM METHOD	<u>68</u>	<u>100</u>	<u>150</u>	<u>220</u>	<u>320</u>
Colour	D-1500	L0.5	L0.5	L0.5	L0.5	L0.5
Density 15 °C g/cm ³	D-4052	0.8479	0.8519	0.8550	0.8590	0.8609
Flash Point (COC) °C	D-92	258	262	264	290	290
Viscosity, cSt @ 40 °C	D-445	69.08	98.65	141.7	218.9	310.0
@ 100 °C		10.89	14.19	18.50	25.65	33.73
Viscosity Index	D-2270	148	147	147	149	152
TAN (mgKOH/g)	D-974	0.44	0.45	0.45	0.45	0.45
Pour Point, °C	D-6749	-50	-50	-50.5	-50.0	-42.5
Foam Tendency/ Stability :						
Sequence I : @24°C	D-892	10-0	10>-0	10>-0	10>-0	10>-0
Sequence II : @93.5°C		30-0	10-0	10-0	30-0	10>-0
Sequence III : @24 after 93.5°C		10>-0	10>-0	10>-0	10>-0	10>-0
Copper Corrosion (100°C x 3h)	D-130	1(1a)	1(1a)	1(1a)	1(1a)	1(1a)

The information provided is to our best knowledge, true & accurate, subjected to change without notification due to continual product research and development. All recommendations or suggestions are without guarantee since the conditions of use are beyond our control. The manufacturers do not accept liability for any loss or damage, however arising, which results directly from the use of such information, nor do we offer any warranty of immunity against patent infringement.