



Daphne Super Mechanic Oil Series

High Performance Multi-purpose Machine Oil

Description

Daphne Super Mechanic Oil Series is a range of superior multi-purpose oil formulated with highly refined hydro-treated paraffinic base oil incorporating various additives such as oxidation inhibitor, rust prevention additive, anti-foaming and oiliness agents to provide excellent performance.

Application

Recommended for use in dryer rolls and calender rolls of rubber and vinyl manufacturing equipment where high temperature, variable reduction gears, traction drive, geared motors with high load.

Characteristics

1. **Excellent Oxidation Stability** - Especially under high temperature and continuous operation, its superior oxidation stability prevents increase of viscosity change, formation of sludge and foaming.
2. **Excellent Oil Film Strength** - As a multi-purpose lubricant, its superior oil film strength prevents the seizure and minimizes the wear of each lubricating part.
3. **Does Not Attack Rubber Material** - Does not attack rubber materials used in packing O-ring, thus prevent breakage and oil leakage.
4. **Superior Anti-Corrosion & Anti-Rust Properties** - Effective rust preventive agent and corrosion inhibitor prevent corrosion caused by water and acid produced through deterioration process.

Packing

20L pail, 200L drum

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Lubricant Product Information



Typical Specifications

Daphne Super Mechanic Oil Series

Available Grades	ASTM	<u>100</u>	<u>150</u>	<u>220</u>	<u>320</u>	<u>460</u>
	METHOD					
Colour	D-1500	L1.0	2.0	2.5	L3.0	3.5
Density 15 °C g/cm ³	D-4052	0.8764	0.8809	0.8847	0.8879	0.8916
Flash Point (COC) °C	D-92	260	268	274	280	322
Viscosity, cSt @ 40 °C	D-445	98.63	152.5	218.2	319.1	465.9
@ 100 °C		11.14	14.87	19.02	24.69	31.77
Viscosity Index	D-2270	98	97	98	99	99
Pour Point °C	D-6749	-15.0	-15.0	-12.5	-10.0	-10.0
TAN (mgKOH/g)	D-664	0.76	0.74	0.72	0.69	0.68
Foam Tendency/Stability :						
Sequence I : @ 24°C	D-892	10>0	10>0	10-0	40-10	40-10
Sequence II : @ 93.5°C		10-0	10>0	10-0	10-0	10>0
Sequence III : @ 24 after 93°C		10>0	10>0	10>0	20-0	10-0
Copper Corosion (100°C x 3hr)	D-130	1a	1a	1a	1a	1a

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