

Lubricant Product Information



Daphne Alpha Screw 32 High Performance Compressor Lube Oil

Description

Daphne Alpha Screw 32 is a synthetic type compressor lubricant manufactured from synthetic base oil with special high thermal stability additive, anti-oxidant, anti-copper corrosion additives and anti-rust additive. This combination produces super long life synthetic compressor oil that has excellent thermal stability and anti-sludge properties.

Application

Specially formulated for use in oil-cooled air compressors. With air compressors becoming more compact, higher pressure, cleaner air requirements and longer maintenance interval, Daphne Alpha Screw 32 is specially recommended for it meets all this requirements.

Characteristic

Excellent High Thermal Stability - Combination of synthetic base oil and special oxidation inhibitor improves service life and prevent abnormal deterioration under high temperature.

Extremely Long Oil Life

Excellent Sludge Dispersion Properties - Prevents troubles caused by sludge formation.

Excellent Water Separation - Able to withstand long continuous operation.

Special Copper Corrosion Inhibitor - Copper corrosion inhibitor works to extend the oil life by preventing the oil from deteriorating and turning green due to oxidation of copper.

Excellent Anti-Corrosion & Anti-Rust Properties - Effective rust preventive agent and corrosion inhibitor prevent oxidation and corrosion of rotor and receiver side caused by water and acid produced through deterioration process.

High Viscosity Index And Low Pour Point - Enables excellent start up event at low temperature.

Packing

20L pail, 200L drum

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Typical Specifications

Daphne Alpha Screw 32

	TYPE OF METHOD	
Colour	ASTM D-1500	L1.0
Density 15 °C g/cm ³	ASTM D-4052	0.8422
Flash Point (COC) °C	ASTM D-92	234
Viscosity, cSt @ 40 °C	ASTM D-445	32.03
@ 100 °C		5.547
Viscosity Index	ASTM D-2270	110
Pour Point °C	ASTM D-6749	Below -50°C
TAN (mgKOH/g)	ASTM D-974	0.08
Emulsion Characteristics @ 54°C	ASTM D-1401	40-40-0 (10)
Foaming, ml	ASTM D-892	
@ 24°C		10> - 0
@ 93.5°C		10> - 0
@ 93.5°C to 24°C		10> - 0
Rust Preventive Test, Procedure A 24 Hrs	ASTM D-665	Pass
Rotary Bomb Oxidation Test 150°C Min	ASTM D-2272	5000
Thermal Stability @170°C x 24 Hrs	-	Pass

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