



Daphne Screw Compressor Oil Series

High Performance Screw Compressor Oil

Description

Daphne Screw Compressor Oil Series is a range of screw/rotary type compressor oil. It is specially formulated using highly refined paraffinic base stock incorporated with selected anti-oxidant, copper deactivator, rust preventives and anti-foaming agents, etc.

Application

Specially formulated for use in oil-flooded rotary vane and screw type air compressor.

Characteristics

1. **Excellent Oxidation Stability** - Combination of highly refined paraffinic base oil and special oxidation inhibitor to improve service life of compressor.
2. **Excellent Water Separation** - Able to withstand long continuous operation.
3. **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.
4. **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.

Packing

20L pail, 200L drum

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Lubricant Product Information



Typical Specifications

Daphne Screw Compressor Oil Series

Available Grades	TYPE OF METHOD	32-S	46-S	68-S	100-S
Colour	ASTM D-1500	L1.0	L2.0	L2.5	L2.0
Density 15 °C g/cm ³	ASTM D-4052	0.8726	0.8776	0.8827	0.8864
Flash Point (COC) °C	ASTM D-92	228	240	248	268
Viscosity, cSt @ 40 °C	ASTM D-445	31.27	46.90	69.03	96.12
@ 100 °C		5.302	6.894	8.831	10.90
Viscosity Index	ASTM D-2270	101	102	100	97
Pour Point °C	ASTM D-97	-15	-15	-15	-15
TAN (mgKOH/g)	ASTM D-974	0.23	0.23	0.25	0.22
Foam @ 24°C	ASTM D-892	<10,0	<10,0	<10,0	<10,0
Emulsion Characteristics					
@54 °C (min)	ASTM D-1401	10	10	10	10
R BOT @150 °C (min)	ASTM D-2272	496	490	490	490
Copper Corrosion 100 °C x 3hr	ASTM D-130	1(1b)	1(1b)	1(1b)	1(1b)

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