

DAPHNE

Super Screw

Description

Hydrogenated, modified paraffinic base oils are used exclusively in oil-cooled screw compressors, which contain high-temperature antioxidants, copper deactivators, rust inhibitors, and antifoaming agents.

Features & Characteristics

Oil mist of cutting oil, deteriorated residual oil, and foreign matter from the outside are unlikely to affect this oil, and this oil have excellent oxidative stability.

- (1) It has excellent high-temperature oxidation stability and prevents mechanical trouble due to sludge generation.
- (2) If moisture in the air is mixed in the oil, rust in the compressor body and each system is prevented, and discharge from the drain is facilitated.
- (3) The strong copper deactivator prevents oil degradation and deterioration.

Chemical and Physical Properties

Test Item	Test Method	Unit	VG32 Result	VG46 Result
Density at 15°C	ASTM D4052	g/cm ³	0.8654	0.8685
Color(ASTM)	ASTM D1500	-	L0.5	L0.5
Flash Point (C.O.C)	ASTM D92	°C	228	230
Viscosity at 40°C	ASTM D445	mm ² /s	32.5	45.3
Viscosity at 100°C	ASTM D445	mm ² /s	5.5	6.8
Acid Number	ASTM D974	mgKOH/g	0.05	0.08
Copper Corrosion 100°CX3h	ASTM D130	-	1(1B)	1(1B)
RBOT	ASTM D2272	min	1920	1860

Package

200L D/M, 20L P/L

- Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Safety Data Sheet (SDS) are followed.
- SDS is available upon request through your sales contract office, or via the internet.
<https://www.idemitsu.com/jp/business/lube/>
- Due to continual product research and development, the information contained herein is subject to change without notification.

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