

Refrigerator/Compressor Oils (Synthetic)

(July 2021 edition)

AMALIE Refrigerator/Compressor Oils (Synthetic) are high quality full-synthetic lubricants formulated to meet the most severe requirements of rotary vane, rotary screw and reciprocating compressors. The technology used in **AMALIE Synthetic Refrigerator/Compressor Oils** have had several years of field experience in many applications.

Benefits

- Extended Oil Change Intervals, Reducing Servicing Costs to a Minimum
- Reduced Air Separator Blocking and Extended Maintenance Intervals
- Excellent Compatibility with Seals, Paints, and the Air-Line System
- Outstanding Viscosity/Temperature Characteristics
- Low Volatility, Leading to Low Oil Carry-Over and Cleaner Operation at Lower Cost
- Increased Oxidation Protection and Superior Thermal Stability
- Very Low Sludge Forming Tendencies
- Excellent Air and Water Separation

Typical Properties

ISO Grade	32	46	68	100
Specific Gravity	0.843	0.844	0.873	0.877
Flash Point, °C	240	250	250	260
Kinematic Viscosity @100°C, cSt	6	7.7	9.7	12.9
Kinematic Viscosity @40°C, cSt	32	46	46	100
Viscosity Index	135	135	125	125
Pour Point, °C	-42	-42	-42	-42
Water Separation, ASTM D1401, minutes	<20	<20	<20	<20

Typical values are listed. Variations not affecting the performance of this fluid may occur during production.

Applications

AMALIE Refrigerator/Compressor Oils (Synthetic) are formulated to meet or exceed the following OEM and National specification standards.

BS 489	GB 11120 2011 L TGSE, L TGSE
DIN 51515 Part 1	Alstom HTGD 90117 2012
ASTM D4304 Type I	Alstom ABB NBA P50001
ISO 8068E TSA	GEK 46506e, 28143b, 32568h, 107395a
ISO 8068E TGA	Siemens TLV 9013 04
GB 11120 2011 L TSA, L TSE	Mitsubishi MSO4 MA 001 005
GB 11120 2011 L TGA, L TGE	Solar ES 9 224W
British Standard BS 2626	

Compatibility:

- Chlorofluorocarbon (CFC/HCFC)
- Ammonia
- Carbon Dioxide

Additional Information

Please use proper handling and care that you would use with any lubricating oil. Contact your AMALIE Sales Representative for SDS.