Product information

DMO Series

Synthetic mist oil

Your benefits at a glance

- Superior surface wetting capabilities
- Advanced misting properties
- High resistance to oxidation
- Exceptional EP and anti-wear properties

Your requirements - our solution

DMO Series are ester-based, high performance lubricants that offer superior surface wetting capabilities and misting properties. Because of its polarity, bearing failures can be reduced by as much as 90 percent.

DMO Series lubricants provide high resistance to oxidation and offer exceptional EP and anti-wear properties. The misting properties of DMO Series are unmatched when considering low stray mist percentage, low line condensate percentage, and high reclassified oil percentage. The high quality base oil and additive components help in the elimination of reclassifier plugging.

Application

- Processing pumps, electric motors and blowers
- Industrial gearing such as cooling tower gear boxes
- High speed bearings
- Steam turbines
- Open and closed loop oil mist systems

Material safety data sheets

Material safety data sheets can be requested via our website https://www.klsummit.com. You may also obtain them through your contact person at Summit Lubrication.

Characteristics	DMO-32	DMO-46	DMO-68	DMO-100
Article number	340381	340382	340383	340384
Density	0.915 g/cm³	0.93 g/cm³	0.949 g/cm³	0.943 g/cm³
Fire point	282 °C	285 °C	279 °C	288 °C
Flash point	263 °C	252 °C	225 °C	225 °C
Kinematic viscosity, 100°C	6.2 mm²/s	8.2 mm²/s	9.2 mm²/s	11.7 mm²/s
Kinematic viscosity, 40°C	32.3 mm²/s	47.0 mm²/s	69.6 mm²/s	102 mm²/s
Viscosity index	142	149	108	102
Steel corrosion	passed	passed	passed	passed
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346, based on standard	-55 °C	-60 °C	-42 °C	-43 °C
Four-ball tester: wear characteristics	0.40 mm	0.40 mm	0.40 mm	0.38 mm
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months	36 months	36 months	36 months

Characteristics	DMO-150
Article number	340385

Product information

DMO Series

Synthetic mist oil

Characteristics	DMO-150
Density	0.952 g/cm³
Fire point	299 °C
Flash point	263 °C
Kinematic viscosity, 100°C	15.5 mm²/s
Kinematic viscosity, 40°C	157 mm²/s
Viscosity index	101
Steel corrosion	passed
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346, based on standard	-41 °C
Four-ball tester: wear characteristics	0.40 mm
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months

Summit Lubrication

Your expert in specialty lubricants. Since 1982, we have partnered with you to bring you the right solution and advanced lubrication technologies. With over 500 products, from air and gas compressor oils to refrigeration oils, we develop top-of-the-line products tailored to your specific needs. Your success is our success.

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