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Product Data Sheet



NOTE: The information in this publication is the result of careful testing in our laboratories, complemented by selected literature. It does not in any way constitute a guarantee, nor does it serve as a license to operate any patent. Due to widely varying conditions of product use, which are beyond our control, it is strongly recommended that the product be tested for suitability. Product typical properties in this publication are current as of July 17, 2007.

SYNTHETIC MIST OIL

MIST OIL 100

Summit Mist Oil 100 is a PAO Ester based high performance oil designed for fog or mist-lubrication of machine components such as slideways, bearings, gears and chains. It has a high resistance to oxidation, good extreme pressure and anti-wear properties. Mist Oil 100 has enhanced surface wetting capabilities and reduces bearing failure by as much as 90%. Mist Oil 100's high quality base oil and additive components avoid reclassifier plugging problems and provides good rust protection especially against sea water. It is suitable for oil / air delivery systems such as airline oilers.

Specific applications include:

- Industrial gearing such as cooling tower gearboxes
- Slow-speed, heavily-loaded bearings
- High-speed bearings
- Machine tools, ways and screws
- Process pumps, electric motors and blowers
- Steam turbines and electric motors

Physical Properties

PRODUCT	MIST OIL
Viscosity: @ 40°C, cSt @ 100°C, cSt	93 12.5
Viscosity Index	130
Specific Gravity @ 60°F	0.8613
Color	0.5
Pour Point, °F (°C)	-55(-48)
Flash Point, °F (°C)	535 (280)
Rust	Pass
Foaming Tendency Sequence I Sequence II Sequence III	0/0 25/0 0/0

Other applications include: Ball and Roller Bearings, Low temperature lubrication, High temperature lubrication and General lubrication