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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.

## SYNTHETIC BLEND MIST OIL

### PMO SERIES

*Summit PMO Series are synthetic blend lubricants utilizing a highly refined base fluid along with synthetic components offering enhanced surface wetting capabilities and misting properties. This high performance blend is designed for fog or mist lubricants of machine components such as bearings, gears, chains and slideways.*

*PMO Series offers a high resistance to oxidation, as well as low pour point and high viscosity index. PMO Series high quality base oil and additive components avoid reclassifier plugging problems associated with most petroleum oils. PMO Series unique additive system offers low stray mist and line condensate percentage while providing high percentage of reclassified oil.*

### Physical Properties

PRODUCTS	PMO-68	PMO-100
ISO Grade	68	100
Viscosity		
@ 40°C, cSt	67	103.3
@ 100°C, cSt	9.8	12.7
Viscosity Index	128	118
Specific Gravity	0.8655	0.8793
Pour Point, °F (°C)	-44 (-47)	-38 (-39)
Flash Point, °F (°C)	435 (224)	470 (243)
Fire Point, °F (°C)	495 (257)	525 (274)
Rust	Pass	Pass
Foaming	0/5/0	0/10/0
4-Ball Wear, (AVG mm)	0.48	0.48
Color	0.5	0.5
Reclassified Oil	71.6%	74.3%
Line Condensate	5.3%	5.1%
Stray Mist	23.1%	20.6%

**Shelf Life:** Product shelf life is 3 years from the date of manufacture, after which the product should be recertified prior to use.