

PMO S

Mineral oil based gear oil with high performance anti oxidant

Description

PMO S is a high quality lead-free extra-pressure lubricants for use with all types of closed system industrial gears ranging from normal to heavy-duty applications.

PMO S is formulated with paraffinic base oils with a high viscosity index and optimally balanced special additives to provide high oxidation resistance, good protection against corrosion and wear, and prevent the formation of foam.

Applications

PMO S can be used for all paper mill types of closed systems industrial gears in high loads operation conditions that require this type of lubricant such as calender barring.

PMO S is also suitable for use in circulatory lubrication system, spraying or misting.

Specification Meets

PMO S meets the AGMA 250.04, US Steel 224 standards, and Morgan specification for circulating oils for roll-neck bearings.

Typical Data of PMO S

Characteristics	Unit	PMO S			Test Method
		100	150	220	
Color		L 1.5	L 1.5	L 2.0	ASTM D 1500
Density @ 15 °C	kg/L	0.8772	0.8843	0.8923	ASTM D 4052
Kinematic Viscosity @ 40 °C	cSt	98.75	147.53	211.40	ASTM D 445
Kinematic Viscosity @ 100 °C		11.24	14.73	18.32	
Viscosity Index		100	99	97	ASTM D 2270
Flash Point (COC)	°C	238	238	242	ASTM D 92
Pour Point	°C	<-30	<-30	<-30	ASTM D 97
Demulsibility @ 54.0 °C/82.0 °C	(min) mL/mL/mL	(10') 40/40/0	(10') 40/40/0	(10') 40/40/0	ASTM D 1401
Sequence I : 24 °C	mL	10/0	10/0	0/0	ASTM D 892
Sequence II : 93.5 °C		10/0	10/0	10/0	
Sequence III : 24 °C after 93.5 °C		10/0	10/0	0/0	
FZG - Test Failure Load Stage		<12	<12	<12	ASTM D 5182
Copper Corrosion		1b	1b	1b	ASTM D 130
Rust Prevention Stage A	Degree of Corroton	pass	pass	pass	ASTM D 665
Rust Prevention Stage B		pass	pass	pass	

* the typical characteristic mentioned represent mean values