PanaOIL
Think Efficient

PMO

Mineral oil based gear oil with high performance anti oxidant

Description

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

Specification Meets:

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

Typical Data of PMO

Characteristics	Unit	PMO			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 5128
Copper Corrosion		1b	1b	1b	ASTM D 130
Rust Prevention Stage A	Degree of Corrotion	pass	pass	pass	ASTM D 665
Rust Prevention Stage B		pass	pass	pass	

** the typical characteristic mentioned represent mean values*

PT PANA OIL INDONESIA
customersupport@panaoil.id | www.panaoil.id