

MOL-GLO PG Series

Product Description:

MOL GLO PG series is a fully synthetic industrial gear oil based on special, carefully selected polyglycol base oils. It offers a very high oxidation and temperature stability. Thanks to its naturally high viscosity index, it can be used within a wide temperature range.

Features:

- Excellent wear protection.
- High scuffing load carrying capacity.
- Very high resistance to micro pitting.
- Increase of efficiency, reduction of temperature and low friction coefficient
- Good corrosion protection
- Excellent air release
- Very low foaming

Applications:

MOL GLO PG series is specifically designed for the lubrication of worm gears, especially for heavy-duty, severe service applications. Additionally, it has also proven to be an excellent lubricant for many types of industrial gears and anti-friction bearing applications under severe service conditions.

Storage and Packing Conditions:

- Should be stored sealed under normal storage conditions. Shelf life in original package and at room temperature is 3 years.
- Available in 20 LT Pails, 200 LT Drums and 1000 LT IBCs.

Human Health and Work Safety:

- Normal safety precautions (gloves and safety goggles) Should be employed
 - Avoid eye and prolonged skin contact.
 - Wash thoroughly after handling material.
 - Don't discharge used oil in drains, dispose to an authorized used oil collection point
- For more information, please see the Material Safety Data Sheet (MSDS).

Physical and Chemical Conditions:

MOL-GLO PG	Method	Unit	32	46	68	100	150
Appearance	Visual	-	B&C	B&C	B&C	B&C	B&C
Kinematic Viscosity @ 40° C	ASTM D 445	cSt	32	46	68	100	150
Kinematic Viscosity @ 100° C	ASTM D 445	cSt	7	9	12	21	26.1
Viscosity Index	ASTM D 2270	-	>130	>130	170	190	210
Density @ 15 ° C	ASTM D 1298	g/cm ³	1.06	1.067	1.074	1.074	1.074
Flash Point, (COC)	ASTM D 92	°C	220	240	265	265	265
Pour Point	ASTM D 97	°C	-41	-41	-41	-41	-40
Corrosion Test	ASTM D 665	-	Passes	Passes	Passes	Passes	Passes
Copper Corrosion @ 3 hours, 100 ° C	ASTM D 130	°C	1B	1B	1B	1B	1B
FZG Scuffing	DIN 51324	-	>10	>10	>10	>11	>12
MOL-GLO PG	Method	Unit	220	320	460	680	1000
Appearance	Visual	-	B&C	B&C	B&C	B&C	B&C
Kinematic Viscosity @ 40° C	ASTM D 445	cSt	220	320	460	680	1000
Kinematic Viscosity @ 100° C	ASTM D 445	cSt	38.4	54.9	77.3	112.4	168
Viscosity Index	ASTM D 2270	-	225	240	250	265	290
Density @ 15 ° C	ASTM D 1298	g/cm ³	1.074	1.071	1.071	1.071	1.071
Flash Point, (COC)	ASTM D 92	°C	265	260	260	260	260
Pour Point	ASTM D 97	°C	-40	-39	-37	-37	-30
Corrosion Test	ASTM D 665	-	Passes	Passes	Passes	Passes	Passes
Copper Corrosion @ 3 hours, 100 ° C	ASTM D 130	°C	1B	1B	1B	1B	1B
FZG Scuffing	DIN 51324	-	>12	>12	>12	>12	>12

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