

# 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, 208 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:**

| <b>MOL-GLO PG</b>                         | <b>Method</b> | <b>Unit</b>       | <b>150</b> | <b>220</b> | <b>320</b> | <b>460</b> | <b>680</b> |
|---|---------------|-------------------|------------|------------|------------|------------|------------|
| <b>Appearance</b>                         | Visual        | -                 | B&C        | B&C        | B&C        | B&C        | B&C        |
| <b>Density @ 15° C</b>                    | ASTM D 4052   | g/cm <sup>3</sup> | 1077       | 1075       | 1074       | 1074       | 1072       |
| <b>Kinematic Viscosity @ 40° C</b>        | ASTM D 445    | cSt               | 150        | 220        | 320        | 460        | 680        |
| <b>Viscosity Index</b>                    | ASTM D 2270   | -                 | 190        | 202        | 228        | 236        | 260        |
| <b>Flash Point, (COC)</b>                 | ASTM D 92     | °C                | 265        | 279        | 272        | 270        | 261        |
| <b>Pour Point</b>                         | ASTM D 97     | °C                | -41        | -40        | -39        | -37        | -37        |
| <b>Corrosion Test</b>                     | ASTM D 665    | -                 | Passes     | Passes     | Passes     | Passes     | Passes     |
| <b>Copper Corrosion @ 3 hours, 100 °C</b> | ASTM D 130    | °C                | 1B         | 1B         | 1B         | 1B         | 1B         |
| <b>FZG Scuffing Test, Fail Load Stage</b> | ISO           | -                 | +12        | +12        | +12        | +12        | +12        |