



# Meropa<sup>®</sup> WG

## Proven performance compounded industrial gear and steam cylinder oil

### Product description

Meropa WG is a proven performance, high viscosity industrial gear and steam cylinder oil, with low carbon residue, compounded with selected fatty oils and combined with rust and foam inhibitors.

Meropa WG is formulated for steam cylinder and valve lubrication where the steam is wet or of poor quality.

### Customer benefits

- High oil film strength and viscosity offers protection against worm gear, steam cylinder and valve surface wear, rust and corrosion
- Reliable steam and condensate separation and good atomisation properties ensure oil offers robust protection over surfaces
- Dependable anti-foam performance promotes smooth lubricant delivery to vulnerable working surfaces
- Good oxidation and thermal stability helps resist oil breakdown and offers improved performance with extended oil service life

### Product highlights

- **Offers gear, cylinder and valve wear, rust and corrosion protection**
- **Steam, condensate separation and atomisation helps protect surfaces**
- **Promotes smooth lubricant delivery to working surfaces**
- **Designed for improved performance with extended service life**

#### Selected specification standards include:

ANSI/AGMA 9005 - E02 Type CP (Compounded)

## Applications

- Heavily loaded industrial worm gear sets
- Low speed, heavily loaded spur and helical gears
- Low speed or high temperature bearings
- Steam cylinder and valve lubrication where steam is wet or of poor quality (see Service Considerations below)

## Approvals, performance and recommendations

### Performance

- ANSI/AGMA 9005 - E02 Type CP (Compounded)

## Product maintenance and handling

### Service considerations

- Steam cylinder and valve lubrication where steam is wet or of poor quality
- Meropa WG ISO Grade 460 is recommended for low-pressure saturated steam systems

Generally recommended (Meropa WG ISO 460 grade):

- Saturated steam applications at pressures in the range 700 to 1000 kPa (100 to 150 lbf/in<sup>2</sup>)

| Typical test data   |              |         |       |
|---|--------------|---------|-------|
| Test  | Test Methods | Results |       |
| Viscosity Grade   |              | 220     | 460   |
| <b>Shelf Life: 12 months from date of filling indicated on the product label.</b> |              |         |       |
| Kinematic Viscosity at 40°C, mm <sup>2</sup> /s                                   | —            | 220     | 460   |
| Kinematic Viscosity at 100°C, mm <sup>2</sup> /s                                  | —            | 19.32   | 31.07 |
| VI  | —            | 100     | 97    |
| Flash Point, COC, °C  | —            | 250     | 284   |
| Pour point, °C, max   | —            | -6      | -6    |

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

**Disclaimer** Chevron accepts no liability for any loss or damage suffered as a result of using this product for any application other than applications specifically stated in any Product Data Sheet's.

**Health, safety, storage and environmental** Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDS's are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

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