

product data

HYDROX 8EP

- Description:** An Extreme Pressure (EP) rated gear lubricant of medium viscosity, based on mineral oil.
- Use:**
1. Designed primarily for lubrication of auxiliary or main propulsion thruster units.
 2. Sterntube lubrication where an integral gear box is included.
 3. Gear box lubrication of deck mounted equipment and crude oil washing machines where an ISO100 viscosity grade oil is appropriate.
- Characteristics:**
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|---------------------|---|
| Viscosity at 40°C | Approx. 105 cSt (ISO 100) |
| Density at 15°C | Approx. 0.904 kg / ltr |
| Pour point | Below -20°C |
| Flashpoint | Above 170°C (SETA) |
| FZG gear oil rating | Passes load step 12 |
| Shelf life | Expected indefinite in original sealed containers |
- Performance Data:**
1. **Hydrox 8EP** is an extreme pressure type gear oil, providing a very high standard of anti-wear performance suitable for the lubrication of heavily loaded gears.
 2. Incorporates an additive system imparting anti-corrosion, anti-oxidation and anti-foaming properties.
 3. Suitable for combined hydraulic / lubrication applications.
 4. **Hydrox 8EP** has the ability to absorb any water that may contaminate the oil, forming a stable, fluid emulsion that provides corrosion protection and gear lubrication, therefore reducing the potential problems associated with water contamination into a thruster unit. However the continued presence of any water in a thruster unit is still undesirable and in accordance with roller bearing manufacturers guidelines we recommend introducing fresh oil into a unit where water contamination is present, at the earliest opportunity.
 5. The oil has been formulated to have good compatibility with elastomers used for seals fitted in the marine environment. The oil has been tested and approved for use by the major seal manufactures relevant to thruster units.
 6. **Hydrox 8EP** has been found to be compatible with many other EP type lubricants and therefore whilst we would normally advise draining as much of the old oil from the system before introducing **Hydrox 8EP**, the oil can usually be added without special precautions being necessary. However compatibility cannot be guaranteed without laboratory examination of the oils involved.
 7. **Hydrox 8EP** can be burned under safe controlled conditions.
- Notes:** This product should only be used for the applications specified. The supplier cannot accept responsibility if it is used in any other applications.

H.S.T.N.: 271019
REF: DM12/06A



the quality touch

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