

product data

HYDROX 21

- Description:** A medium viscosity, mineral based lubricating oil.
- Use:** A sterntube lubricant. Designed primarily for use where lip type seals and modern circulatory oilfeed systems are fitted. **Hydrox 21** is recommended for use particularly where problems of oil leakage past the aft seals are being experienced.
- Characteristics:**
- | | |
|------------------|--|
| Appearance | Dark, golden brown oil |
| Viscosity @ 40°C | Approx. 275 cSt |
| Viscosity @ 60°C | Approx. 94 cSt |
| Density @ 15°C | Approx. 0.900 kg / ltr |
| Pour point | Below -5°C |
| Flash point | Above 180°C |
| Shelf-life | Expected indefinite in original sealed containers. |
- Performance Data:**
1. Designed specifically for sterntube lubrication and provides a very high standard of lubrication under both the boundary and hydrodynamic lubricating conditions encountered in a sterntube.
 2. Compatible with the metals commonly used in sterntubes and provides excellent corrosion protection.
 3. The oil will absorb any sea water or fresh water entering the sterntube to form a relatively fluid emulsion which remains stable and therefore reduces the risk of free water being present in the sterntube. The emulsion maintains a very high standard of lubrication and corrosion protection properties.
 4. The oil will absorb a very high amount of water, however a maximum of 20% water content is recommended as a guideline, for regular running in the sterntube.
 5. **Hydrox 21** has proved very effective in reducing the rate of oil leakage past a damaged or worn aft seal. In the majority of cases a significant reduction in leakage rate can be expected to be seen, for example in the order of 70% reduction, however due to the varied factors involved leakage reduction cannot be guaranteed.
 6. The oil is most effective when used to completely fill the sterntube system. However, **Hydrox 21** is compatible with most engine oils commonly used in the sterntube and can therefore be introduced by top up procedure, adding **Hydrox 21** to the existing sterntube oil. When initially introducing **Hydrox 21** we recommend a minimum 50% of the sterntube oil is changed to **Hydrox 21**.
 7. **Hydrox 21** has good compatibility with the rubbers used for lip seal systems and is approved by many of the major seal manufacturers.
 8. **Hydrox 21** 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.

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the quality touch



FM 1851



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ACCREDITED TO THE ISO 9001 QUALITY
STANDARD AND THE ISO 14001
ENVIRONMENTAL MANAGEMENT STANDARD



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