



marine lubricants

Meropa[®] Synthetic EP 150

Regional equivalent: Pinnacle[®] EP 150

Description

Meropa[®] Synthetic EP 150 is a premium performance, synthetic EP gear oil and circulating oil designed for use in a wide range of industrial equipment operating under severe conditions, such as heavy and/or shock loading and elevated temperatures, where short service life with conventional lubricants can be expected. It is formulated with a combination of poly-alpha-olefin and synthetic ester base fluids as well as selected additives to provide good EP performance and wear protection, increased thermal/oxidation stability and protection against corrosion and rust.

Typical Characteristics

MPID	219826
Kinematic Viscosity at 40°C, mm ² /s	150.0
Kinematic Viscosity at 100°C, mm ² /s	18.8
Viscosity Index	150
Flash Point, COC, °C	244
Pour point, °C	-48
Density at 15°C, Kg/l	0.85
FZG Damaged Load, A/16.6/90	>12
FZG Damaged Load, A/8.3/90	>12

Meropa Synthetic EP 150 Is Approved For:

- GROB**
- ZF** TE-ML 04H

Meropa Synthetic EP 150 Meets The Requirements Of:

- ANSI/AGMA** Standard 9005-EO2-EP
- DIN** 51517-3 (CLP)
- US Steel** Specification No. 224
- Fives Cincinnati** P-77
- Bremivi** planetary gear & winch

Meropa Synthetic EP 150 Is Suitable For Use In:

- All types of gear systems in mobile and stationary industrial equipment where an EP lubricant is specified, including spur, bevel and worm gears.
- Plain and anti-friction bearings subjected to heavy-duty operating conditions.
- Circulating oil systems where an EP lubricant is required.
- Outdoor machinery exposed to wide ambient temperature conditions, such as crane, hoist and winch gearboxes.
- Speed reducers, chain drives, sprockets and flexible couplings.
- Bath, splash, circulating and spray lubrication systems.



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Performance Benefits

1. Minimizes Unscheduled Maintenance

Good thermal and oxidation stability provides resistance to deposit formation, maintaining a cleaner gear/circulating oil system.

2. Extends Equipment Life in Severe Service

Special EP additive helps provide protection against wear of bearing and gear surfaces during heavy-duty operation. Effective rust and corrosion inhibitors help with protecting majority of system components.

3. Trouble-Free Operation

Good air and water separation characteristics reduce the risk of surface wear caused by loss of lubricating oil film. Compatibility with all conventional seal materials and mineral-type circulating oils helps to eliminate operational problems if changing oil types.

4. Long Lubricant Life

Improved thermal and oxidation stability assists with providing longer service life under adverse conditions than is possible with conventional mineral oils.



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