

COMPATIBILITY TABLE:



MEROPA® COMPATIBILITY AND TRANSITION GUIDELINES

Meropa Ultra Gear and Meropa XL Compatibility

Fresh Meropa Ultra Gear oils are compatible with fresh Meropa XL gear oils, but we cannot make this statement for fresh and in-service product transitions. There may be instances during which, due to contaminants present or deterioration of the in-service oil through long service use, the two products may not be compatible. Incompatibility reactions may result in floc formation, which can plug filters and contribute to poor overall performance properties, i.e., foaming, water separability, oxidation stability, etc. Therefore, one cannot assume complete compatibility of the fresh Meropa XL with existing in-service Meropa Ultra Gear oil.

Transition Guidelines

- We recommend compatibility testing (using ASTM D 7155) of in-service Meropa Ultra Gear oil with fresh Meropa XL or with the selected fresh gear lubricant before topping-off. Our Business Consultant can coordinate this testing at our Chevron Richmond laboratory.
- For additional guidance, please refer to the Meropa Ultra Gear Change-out Procedure. (Marcom Central)

Chevron Meropa has a typical sulfur-phosphorus odor characteristic of industrial gear oils. A ventilated environment is recommended during use.

If you have any questions, please contact LUBETEK at 1-800-LUBETEK or 1-800-582-3835.

Meropa Product Line Compatibility Table

Fresh Gear Lubricant 1	Fresh Gear Lubricant 2	Tier 1 Compatible?	Tier 2 Compatible?
Meropa Ultra Gear	Meropa XL	Yes	Yes
Meropa Ultra Gear	Meropa Synthetic EP	No	No
Meropa Ultra Gear	Meropa	Yes	-
Meropa XL	Meropa Synthetic EP	Yes	-
Meropa	Meropa XL	Yes	-
Meropa	Meropa Synthetic EP	Yes	-

Chevron tests fresh oils for compatibility using a modified ASTM D7155 method that includes Tier 1 and Tier 2 test methods. The test results can contribute to the decision process of what level of compatibility/incompatibility exists, and consequently, what degree of system flush is warranted. See the Meropa Ultra Gear Change-out Procedure for more guidance. Tier 1 and Tier 2 testing are defined as follows:

Tier 1 Compares the visual appearance of specific mixtures strictly for changes in physical appearance. The statement that two lubricants are compatible or incompatible based on Tier 1 results can be useful for assessing whether two different products can be mixed successfully without causing deposit formation. The Tier 1 method offers no information about the performance properties of either product or of mixtures of the products.

Tier 2 Compares the selected performance properties such as foam performance, or water separability at certain oil ratios.

Chevron has not evaluated the actual operating environment for the specific application.



chevronlubricants.com

©2017 Chevron. All rights reserved. All trademarks are property of Chevron Intellectual Property LLC or their respective owners.

MERCOMTAB_08-17