



TECHNICAL BULLETIN

CHEVRON ISOCLEAN® CERTIFIED LUBRICANTS DELIVERY PROCEDURES

Reference Documents (located in Chevron Business Point / Marketing Hub):

- Chevron Branded Lubricants Packaging and Bulk Sale Manual
- Appendix A – Chain of Custody Logs
- Appendix F – Compatibility Guidelines
- Appendix F – Product Compatibility Groups
- Chevron ISOCLEAN® Certified Lubricants Flushing and Compatibility Guidelines

Procedures:

Procedures for deliveries of Chevron ISOCLEAN® Certified Lubricants is covered in the Chevron Branded Lubricants Packaging and Bulk Sale Manual and the Chevron ISOCLEAN® Certified Lubricants Flushing and Compatibility Guidelines. To maintain the target cleanliness code at point of delivery, it is important to follow the additional procedures:

Flushing: When scheduling bulk deliveries of Chevron ISOCLEAN® Certified Lubricants with the same non-ISOCLEAN Certified version, it is recommended to treat each product as a separate product. This requires a complete flush procedure when going from a non-ISOCLEAN Certified Lubricant delivery to an ISOCLEAN Certified Lubricant delivery. This is extremely critical to flush the full amount through all piping, pumps, meters, and hose reels to ensure the target cleanliness code is met as the product is dispensed into the user's tank.

Air Management: It is critical to manage all air ingress or breathing of vessels during delivery to limit additional air borne particle ingress. All breather openings on IBC totes or truck tank compartments must include a 3-micron minimum filter/breather element when transferring ISOCLEAN Certified Lubricants into the user's tank. Refer to the filter/breather manufacturer's specifications for the correct filter/breather size to match required delivery specifications.

Delivery Retain: Keep a sample retain in accordance with Chevron Branded Lubricants Packaging and Bulk Sale Manual. The retain should be taken from the initial flow of product from the delivery nozzle when pumping into user's tank. Note: Chevron GST® and Regal® require a 1-quart sample retain. Sample should be correctly labeled and documented with the delivery log. Retain must be kept for minimum 6 months.

Last chance filtration from the end of the delivery nozzle is a recommended best practice. Filter elements should be dedicated to product group. Micron ratings for last chance filtration should be minimum 2 levels above ISOCLEAN Certified Lubricants Filtration System Product Guidelines. (Example: if the product minimum filter rating is 2.5-micron beta 1000, it is recommended to use a 10-micron beta 1000 for last chance filtration.)