



CHEVRON GST[®] 2190 EP ISOCLEAN[®] CERTIFIED LUBRICANT

PRODUCT DESCRIPTION

Chevron GST[®] 2190 EP ISOCLEAN[®] Certified Lubricant is formulated for use in circulating oil systems for marine gear turbine sets. Chevron ISOCLEAN Certified Lubricants have been certified to meet specified ISO Cleanliness standards at point of delivery using industry leading filtration and testing technology. ISOCLEAN Certified products are the first step for contamination control and maximizing component life.



CUSTOMER BENEFITS

Chevron GST 2190 EP ISOCLEAN Certified Lubricant delivers value through:

- **Ready to use** — Enables users to meet stringent original equipment manufacturers' cleanliness standards for fill lubricants.
- **Flexibility** — ISO Cleanliness targets can be customized to fit your business application needs.
- **Peace of mind** — Each delivery of Chevron ISOCLEAN Certified Lubricant includes an ISOCLEAN Certificate of Analysis.
- **OE fluid cleanliness requirements** — Customized to meet specific equipment manufacturers' fluid cleanliness requirements.
- **Long lubricant life** because of selected base stocks and additives.
- **Extreme pressure characteristics** help provide high film strength to protect gears and bearings engaged in heavy-duty service.
- **Meets the physical, chemical and performance requirements of MIL-PRF-17331L and MIL-PRF-17331K(SH)** — Meets stringent military specifications. Not a QPL listed material.

- **High viscosity index** — Minimal viscosity change in broad operating temperature range enhances lubricant film strength.

FEATURES

Chevron GST 2190 EP ISOCLEAN Certified Lubricant was developed primarily as a circulating system oil for marine gear turbine sets.

Chevron GST 2190 EP ISOCLEAN Certified Lubricant provides mild extreme pressure protection as well as resistance to rust, oxidation, corrosion, and foaming.

Chevron GST 2190 EP ISOCLEAN Certified Lubricant has outstanding thermal and oxidation stability which allows it to withstand the high temperatures found in turbine bearing and gear lubrication.

The foam inhibition helps prevent the buildup of foam in the sump tank with possible vent pipe overflow.

Its excellent stability, high viscosity index, and rust and corrosion inhibition help assure high film strength lubrication for gears and bearings, as well as rust and corrosion protection. Together, these qualities promote both long lubricant and equipment life.

It does not contain any silicone additives.

Product(s) manufactured in the USA.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

A **Chevron** company product

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10-250 ISOCLEAN

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APPLICATIONS

Chevron GST® 2190 EP ISOCLEAN® Certified Lubricant is recommended for use in marine turbine reduction gears, where heavy tooth loading and shock loads are encountered.

The extreme pressure properties enable Chevron GST 2190 EP SOCLEAN® Certified Lubricant to meet the requirements of MIL-PRF-17331L and MIL-PRF-17331K(SH). Not a QPL listed material.

Do not filter through Fuller’s Earth-type filtration systems since this would deplete the additive package.

Do not use in high pressure systems in the vicinity of flames, sparks and hot surfaces. Use only in well ventilated areas. Keep container closed.

TYPICAL TEST DATA

<i>Product Number</i>	253088
<i>SDS Number</i>	48587
API Gravity	32.3
Viscosity, Kinematic cSt at 40°C cSt at 100°C	79.8 10.3
Viscosity, Saybolt SUS at 100°F SUS at 210°F	370 60.2
Viscosity Index	111
Flash Point, °C(°F)	246(475)
Pour Point, °C(°F)	-12(+10)
Color, ASTM D1500	0.5
Conradson Carbon Residue, mass %	0.1
Sulfated Ash, wt %	< 0.001
Corrosion, Copper Strip, 3 h at 100°C	1
Acid Number, ASTM D974, mg KOH/g	0.16

Minor variations in product typical test data are to be expected in normal manufacturing.

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