

Turbine Oil Symbol 2190 TEP

Circulating oil for marine gear turbine sets



Product description

Turbine Oil Symbol 2190 TEP was developed primarily as a circulating system oil for marine gear turbine sets. Outstanding thermal and oxidation stability allows it to withstand the high temperatures found in turbine bearing and gear lubrication.

Customer benefits

- **Excellent service life**
Premium base stocks and inhibitor system provide outstanding long-term oxidation stability to resist oil breakdown
- **Protects reduction gear sets**
Anti-wear additive system forms a protective chemical film on loaded gear tooth surfaces and bearings to assist in reducing wear and scuffing.
- **Potential maintenance and downtime savings**
Premium base oils with high viscosity index allows minimal viscosity change in broad operating temperature range enhancing lubricant film strength and protecting equipment from wear and tear.
- **MIL-PRF-17331J and MIL-PRF-17331K approved**
Meets stringent military specifications for Navy vessels and submarines.

Turbine Oil Symbol 2190 TEP

Circulating oil for marine gear turbine sets



Applications

- Chevron Turbine Oil Symbol 2190 TEP is recommended for use in marine turbine reduction gears, where heavy tooth loading and shock loads are encountered.
- The extreme pressure properties enable Chevron Turbine Oil Symbol 2190 TEP to meet the requirements of MIL-PRF-17331J and MIL-PRF-17331K.
- Bath and circulating systems supplying moderately loaded gear sets, low pressure hydraulic systems, vacuum pumps, rolling element bearings, machine tools, conveyors, and electric motors requiring such quality oils.

NOTE: 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

Approvals, performance and recommendations

Approvals:

- MIL-PRF-17331J and MIL-PRF-17331K

Turbine Oil Symbol 2190 TEP

Circulating oil for marine gear turbine sets



Typical test data

TURBINE OIL SYMBOL 2190 TEP	TEST METHODS	RESULTS
Product Code		520054
Viscosity, mm ² /s @ 40°C	ASTM D445	79.8
Viscosity, mm ² /s @ 100°C	ASTM D445	9.7
Viscosity Index	ASTM D2270	99
Flash Point, COC, °C	ASTM D92	246
Pour Point, °C	ASTM D97	-12

ENVIRONMENT, HEALTH, and SAFETY. Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions, and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit the Product Information Center.

This Product Data Sheet (PDS) was produced for the Africa, Middle East and Pakistan region in good faith from the best information available at the time of issue. The specific information included may not directly reflect the local market or conditions. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. For the most up-to-date, country-specific information, please contact your local customer service center.

This document includes registered and unregistered trademarks, service marks, logos and trade names owned by Chevron Intellectual Property LLC and/or its affiliates, or owned by third parties whose products, services or standards are referred to. You must not use any trademark that appears in this document without permission from the relevant owner.

[Visit Product Information Center >](#)

Turbine Oil Symbol 2190 TEP/MEA/CHV/PDSv1_082024



Chevron company product

© 2024 Chevron Lubricants; Africa, Middle East and Pakistan. All Rights Reserved.