REGAL® SGT 22

PRODUCT DESCRIPTION

Regal® SGT 22 is designed for use in modified aviation-type gas turbines in non-aviation stationary applications such as in industrial power generation and in marine service.

CUSTOMER BENEFITS

Regal SGT 22 delivers value through:

- **Long service life** — Excellent oxidation and thermal stability of the synthetic polyolester base fluid and special additive system helps resist oil breakdown under severe, high temperature, high load conditions. The low volatility of the synthetic ester helps minimize evaporative losses.
- **Minimal maintenance and downtime —** Minimal coking tendency of the synthetic ester base fluid and additive system helps minimize deposit formation on bearings and other areas exposed to the heat of the hot gases. High load carrying capacity helps ensure excellent protection against wear. The oil is compatible with normal engine and accessory metallic construction materials and elastomeric sealing compounds.
- **Excellent all-temperature performance —** Excellent viscosity-temperature characteristics of the synthetic ester help promote outstanding low temperature fluidity to facilitate starting at low temperatures, while helping to ensure that an effective lubricant film is always available under the most severe, high temperature conditions to protect critical components against wear.

FEATURES

Regal SGT 22 is a premium performance, synthetic polyol ester-based turbine lubricant for use in modified aviation-type gas turbines in stationary and marine service. A special additive system imparts excellent high temperature thermal and oxidation stability.

This product contains >90 wt% of polyol ester, a mixture of pentaerythritol esters of saturated fatty acids with carbon chain lengths from C5 to C10.

APPLICATIONS

Regal SGT 22 has well over 2.5 million fired hours with excellent performance. It is designed for modified aviation-type gas turbines exposed to the most severe operating environment in non-aviation applications such as industrial power generation and marine propulsion.

Regal SGT 22 is approved for:

- U.S. Military Specification **MIL-PRF-23699G, Class STD**
- **General Electric** LM Series Aeroderivitive Turbines
- **Siemens (Allison)** 501K
- **Siemens (Rolls Royce)** Avon, Olympus, Tyne and Spey models
- **Siemens (Rolls Royce)** RB 211 Gas Turbines

Regal SGT 22 meets the requirements of:

- **Turbomeca** Makila TL

Regal SGT 22 is compatible with other lubricants approved under MIL-PRF-23699G. Regal SGT 22 is compatible with metals, paints, coatings and elastomers such as Viton, Teflon, fluorosilicone and Buna N (NBR).

Regal SGT 22 is not to be used in aircraft service. Regal SGT 22 is not recommended for gas turbines that require MIL-PRF-23699G, Class C/I (Corrosion Inhibiting) or HTS (High Thermal Stability).

Product(s) manufactured in 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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TYPICAL TEST DATA

Product Number	*278016*
SDS Number	*37008*
Viscosity, Kinematic cSt at -40°C cSt at 40°C cSt at 100°C	 9,800 25.6 5.12
Operating Temperature °C(°F) Minimum Maximum	 -40(-40) 204(400)
Flash Point, °C(°F)	270(518)
Pour Point, °C(°F)	-60(-76)
Acid number, mg KOH/g	0.16

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

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