

ChevronTexaco Regal® 32 VSI R&O

Category : Fluid , Lubricant

Material Notes:

Texaco Regal R&O oils deliver value through: Rust prevention – Prevents rust on surfaces above and below the oil level during long-term storage. Texaco Regal R&O 32 VSI is a fully formulated ISO 32 turbine oil quality lubricant with antioxidants, corrosion inhibitors and anti-foam additives. It is formulated to prevent rusting in lubricating oil systems in areas above the oil level for units such as oil reservoirs, gear cases, bearing houses, piping and similar system components during the time equipment is shut down for long-term storage. While most rust inhibitors used in lubricants are effective in preventing rust on areas in contact with the oil, areas above the oil level are unprotected when the equipment is shut down for extended periods. Steel above the oil level may be exposed to atmospheric water vapor, as well as condensate, which will ultimately cause rust. This condition is particularly critical for new or rebuilt equipment which may be stored before use, equipment that may be shut down during a seasonal lay-up, or equipment in shipment. Typical equipment includes turbines, hydraulic and circulating oil systems, pumps, bearings and gearboxes. Texaco Regal R&O 32 VSI contains a volatile rust inhibitor. The vapor coats the exposed metal surfaces in the space above the oil level to form a rust preventative barrier that combats vapor space rusting. Texaco Regal R&O 32 VSI should be added undiluted, at a 100% concentration to the sump or reservoir and brought up to 27-49°C (80-120°F). At higher oil temperatures, vaporization may cause excessive inhibitor loss. The lubricant system should be sealed off as tightly as possible from the outside atmosphere. All inlets and outlets should be plugged or sealed. Most oil circulating systems and reservoirs afford a relatively closed system. Any reduction in system ventilation will help improve the corrosion inhibiting action. No attempt should be made to protect a completely open system or any system exposed to external weather conditions. Draining and flushing the storage lubricant from the system before startup is recommended, particularly for equipment that has been in extended storage. This will remove any water that may have formed by atmospheric condensation and avoid compatibility issues in the event a different or incompatible lubricant is introduced. In the event that there is a desire to startup the system with the storage lubricant, we recommend having a sample of the storage lubricant analyzed to verify its condition prior to startup. Do not use Texaco Regal R&O 32 VSI 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 are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing. CPS Number: 223326; MSDS Number: 10942

Order this product through the following link:

http://www.lookpolymers.com/polymer_ChevronTexaco-Regal-32-VSI-RO.php

Physical Properties	Metric	English	Comments
API Gravity	32.6 °	32.6 °	ASTM D287
Viscosity Measurement	104	104	Viscosity Index; ASTM D2270
Saybolt Viscosity at 100°F	157 SUS	157 SUS	ASTM D445
Saybolt Viscosity at 210°F	43.9 SUS	43.9 SUS	ASTM D445
Kinematic Viscosity at 40°C (104°F)	30.4 cSt	30.4 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	5.26 cSt	5.26 cSt	ASTM D445
Oxidative Stability	>= 13.3 hour	>= 13.3 hour	to 25 psi drop; ASTM D2272

Thermal Properties	Metric	English	Comments
Pour Point	-30.0 °C	-22.0 °F	ASTM D97
Flash Point	220 °C	428 °F	ASTM D92

Chemical Properties	Metric	English	Comments
Acid Value	0.35	0.35	mg KOH/g; ASTM D974

Descriptive Properties	Value	Comments
Corrosion, Copper Strip	1b	3 h at 100°C
Rust Prevention	Pass	

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