

ChevronTexaco Rykon® ISO 46 Premium Oil

Category : Fluid , Lubricant

Material Notes:

Features Chevron Rykon Premium Oils are designed to give maximum protection to hydraulic pumps. They are formulated with ISOSYN® base stocks incorporating antiwear additives, oxidation and corrosion inhibitors, foam and aeration suppressants, and a shear stable viscosity index improver. Hydraulic systems, due to the nature of their operation, experience accelerated wear unless they are protected by clean, high quality antiwear hydraulic oils. Surging pressures in pumps and valves can increase metal-to-metal contact unless antiwear protection is present. The antiwear additives in Chevron Rykon Premium Oils plate out on the metal surfaces. This plating minimizes metal-to-metal contact, which is most severe in vane-, piston-, and gear-type pumps. As hydraulic pressures increase over 1000 psi, the need for antiwear protection increases proportionally. **Applications** Chevron Rykon Premium Oils are versatile lubricants available in multiviscosity ISO 15, 22, 32, 46, 68, and 100. The multiviscosity feature allows even and continuous power transmission over a wide temperature range with a minimum of shudder, and increased accuracy. They are recommended for hydraulic or circulating oil systems, including marine on-deck machinery, hydraulic actuated loading bins, or equipment which runs at various operating temperatures. Chevron Rykon Premium Oils ISO 32, 46, and 68 meet all major pump manufacturers requirements including: Vickers I-286-S, M 2950-S, 35VQ 25 Racine Model SCincinnati Machine P 68 (ISO 32), P 70 (ISO 46), P 69 (ISO 68) Denison HF-0, HF-2 In a clean, dry environment, Chevron Rykon Premium Oils ISO 15, 22, 32, 46, 68, and 100 typically meet a dielectric strength of 35 kV (ASTM D 877). Chevron Rykon Premium Oils meet the requirements (discontinued in 1998) of the U.S. Department of Agriculture (USDA) for use in federally inspected meat and poultry plants as H2 lubricants with no food contact. 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.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ChevronTexaco-Rykon-ISO-46-Premium-Oil.php

Physical Properties	Metric	English	Comments
API Gravity	32.1 °	32.1 °	
Viscosity Measurement	157	157	Viscosity Index; ASTM D2270
Saybolt Viscosity at 100°F	234 SUS	234 SUS	
Saybolt Viscosity at 210°F	54 SUS	54 SUS	
Kinematic Viscosity at 40°C (104°F)	46 cSt	46 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	8.3 cSt	8.3 cSt	ASTM D445
Oxidative Stability	>= 6000 hour	>= 6000 hour	Hours to 2.0 mg KOH/g acid number; ASTM D943

Thermal Properties	Metric	English	Comments
Pour Point	-45.0 °C	-49.0 °F	ASTM D97
Flash Point	286 °C	547 °F	ASTM D92

Electrical Properties	Metric	English	Comments
Dielectric Strength	1.38 kV/mm	35.0 kV/in	

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