

ChevronTexaco ISO 46 Hydraulic Oil AW

Category : Fluid , Lubricant

Material Notes:

Features Chevron Hydraulic Oils AW are designed to give excellent hydraulic pump protection. They are formulated with refined paraffinic base oils. They provide excellent antiwear protection, oxidation and corrosion inhibition, as well as foam and aeration suppression. All grades have excellent demulsibility characteristics. 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 Hydraulic Oils AW create a protective film on the metal surfaces. This protective film minimizes metal-to-metal contact, which is most severe in vane- and gear-type pumps. As hydraulic pressures increase over 1000 psi, the need for antiwear protection increases proportionally.

Applications Chevron Hydraulic Oils AW are versatile lubricants available in ISO viscosity grades from 10 to 68. ISO 10 and 22 can be used as spindle lubricants or as telemotor oils aboard ships. ISO 32, 46, and 68 are most commonly used for hydraulics with vane-, piston-, or gear-type pumps, especially where pressures exceed 1000 psi. They can also be used to lubricate lightly loaded reciprocating compressors and as general purpose shop lubricants for motors and bearings. Chevron Hydraulic Oils AW meet AGMA Specification 1 (ISO 46) and Specification 2 (ISO 68). Chevron Hydraulic Oils AW are registered with NSF International and are acceptable as a lubricant where there is no possibility of food contact (H2) in and around food processing areas. The NSF Nonfood Compounds Registration Program is a continuation of the USDA product approval and listing program, which is based on meeting regulatory requirements of appropriate use, ingredient review and labeling verification.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ChevronTexaco-ISO-46-Hydraulic-Oil-AW.php

Physical Properties	Metric	English	Comments
API Gravity	31.8 °	31.8 °	
Viscosity Measurement	98	98	Viscosity Index; ASTM D2270
Saybolt Viscosity at 100°F	225 SUS	225 SUS	
Saybolt Viscosity at 210°F	48 SUS	48 SUS	
Kinematic Viscosity at 40°C (104°F)	43.7 cSt	43.7 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	6.5 cSt	6.5 cSt	ASTM D445
Oxidative Stability	>= 2000 hour	>= 2000 hour	Hours to 2.0 mg KOH/g acid number; ASTM D943

Thermal Properties	Metric	English	Comments
Pour Point	-30.0 °C	-22.0 °F	ASTM D97
Flash Point	226 °C	439 °F	ASTM D92

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