

## ChevronTexaco ISO 680 Cylinder Oil W

Category : Fluid , Lubricant

**Material Notes:**

Features Chevron Cylinder Oils W are designed to meet the needs of emulsifying cylinder oils. Chevron Cylinder Oils W provide excellent metal wettability. The combination of oil emulsibility and metal wetting characteristics result in lower oil consumption rates and improved oil lubricity in the presence of wet steam or water. The metal wetting assures an effective lubricant film on the cylinder walls and pistons of steam pumps and engines, and also provides the oiliness properties which are extremely important in lubricating the sliding worm gear surfaces in worm drive gear cases.

Applications Compressor manufacturers often recommend cylinder oils for compressor cylinder lubrication. The oiliness of Chevron Cylinder Oils W provides a metal wetting characteristic that resists the washing action of water and maintains a tenacious oil film on the surface of the compressor cylinder. The lower viscosity of Chevron Cylinder Oil W ISO 220 makes it suitable for this application in colder climates. Chevron Cylinder Oil W ISO 460 is recommended for moderate service applications where steam pressures will not exceed 150 psi and temperatures vary between 171°C to 204°C (340°F to 400°F). Chevron Cylinder Oils W ISO 680 is a higher viscosity lubricant recommended for steam pressures up to 300 psi and temperatures from 218°C to 302°C (425°F to 575°F). Chevron Cylinder Oils W are ideal choices for worm gears. Chevron Cylinder Oils W are recommended for use in underground brine pumps at geothermal power generation facilities. Chevron Cylinder Oils W ISO 220, 460, and 680 meet the requirements of ANSI/AGMA 9005-D94 for AGMA Lubricant Numbers 5, 7 Compounded, 8 Compounded, and 8A Compounded, respectively. Chevron Cylinder Oils W ISO 460 and ISO 680 are registered with NSF and are acceptable as lubricants 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-680-Cylinder-Oil-W.php](http://www.lookpolymers.com/polymer_ChevronTexaco-ISO-680-Cylinder-Oil-W.php)

Physical Properties	Metric	English	Comments
API Gravity	24.8 °	24.8 °	
Viscosity Measurement	99	99	Viscosity Index; ASTM D2270
Saybolt Viscosity at 100°F	3476 SUS	3476 SUS	
Saybolt Viscosity at 210°F	191 SUS	191 SUS	
Kinematic Viscosity at 40°C (104°F)	646 cSt	646 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	39.3 cSt	39.3 cSt	ASTM D445

Thermal Properties	Metric	English	Comments
Pour Point	-12.0 °C	10.4 °F	ASTM D97
Flash Point	316 °C	601 °F	ASTM D92

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