

ChevronTexaco Vanguard® 680

Category : Fluid , Lubricant

Material Notes:

Texaco Vanguard oils deliver value through:Excellent metal wettability and high film strength for any moisture condition.Versatility – Three viscosity grades available to cover the range of steam pressures and temperatures found in industry.Minimized inventory – Can be used as worm gear lubricants. Meets AGMA compounded lubricant specifications.Meets compressor cylinder lubrication specifications required by compressor manufacturers for lubrication of cylinders when compressing wet gases.Texaco Vanguard oils are designed to meet the needs of emulsifying cylinder oils.Texaco Vanguard oils 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.Compressor manufacturers often recommend cylinder oils for compressor cylinder lubrication. The oiliness of Texaco Vanguard oils 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.Texaco Vanguard 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).Texaco Vanguard 680 and 1000 are higher viscosity lubricants recommended for steam pressures up to 300 psi and temperatures from 218°C to 302°C (425°F to 575°F).Texaco Vanguard oils are ideal choices for worm gears. Texaco Vanguard oils are recommended for use in underground brine pumps at geothermal power generation facilities.Texaco Vanguard 460, 680, and 1000 meet the requirements of ANSI/AGMA 9005-D94 for AGMA Lubricant Numbers 7 Compounded, 8 Compounded, and 8A Compounded, respectively.Texaco Vanguard 460 and 680 meet the requirements of the U.S. Department of Agriculture (USDA) as H2 lubricants for use in federally inspected meat and poultry plants where no food contact will occur.Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing. CPS Number: 220631; MSDS Number: 8655

Order this product through the following link:

http://www.lookpolymers.com/polymer_ChevronTexaco-Vanguard-680.php

Physical Properties	Metric	English	Comments
API Gravity	24.8 °	24.8 °	
Viscosity Measurement	99	99	Viscosity Index
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	
Kinematic Viscosity at 100°C (212°F)	39.3 cSt	39.3 cSt	

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

Descriptive Properties	Value	Comments
AGMA Grade	8 Compounded	

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