

ChevronTexaco 4R Unconventional Base Oil

Category : Fluid , Lubricant

Material Notes:

FeaturesChevron Unconventional Base Oils (UCBOs) are all hydroprocessed, highly refined paraffinic base oils of exceptional performance and purity. Relative to conventional hydroprocessed and solvent refined base oils, Chevron UCBOs offer: Lower volatility and cold cranking simulator (CCS) viscosity to meet modern engine oil specifications such as ILSAC GF-3. Extremely low aromatics, sulfur and nitrogen levels. Exceptional resistance to oxidation and thermal degradation. Very high viscosity indices. Exceptional cranking and pumpability at low temperatures. Improved viscosity and film strength at high temperatures. Substantially reduced volatility. Better lubricity which translates to better energy efficiency. Chevron UCBOs also offer all of the advantages of Chevron Neutral Oils, such as superior soot dispersancy in compounded motor oils and excellent response to pour point depressants. **Applications**Chevron UCBOs are compatible with a wide range of additives, and are excellent base oils for use in any application where high oxidation and thermal stability, exceptional low- or high-temperature performance, or low volatility is required. Chevron UCBOs can be blended with any of today's conventional base oils or polyalphaolefins to achieve desired characteristics, or used alone to achieve synthetic-level performance. In the Very High VI Group III category, Chevron UCBOs are available in two viscosity grades: 4 cSt at 100°C / 7 cSt at 100°C. These Group III Chevron UCBOs are excellent alternatives to synthetic base stocks for many applications. Specific products where they may provide enhanced performance benefits include: Passenger Car Motor Oils, Heavy Duty Motor Oils, Small Engine Oils, Automatic Transmission Fluids, Gear Oils, Hydraulic and Power Transmission Fluids, Compressor Oils, Metalworking Fluids.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ChevronTexaco-4R-Unconventional-Base-Oil.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.8297 g/cc	0.8297 g/cc	
API Gravity	39 °	39 °	
Viscosity	800 cP @Temperature -25.0 °C	800 cP @Temperature -13.0 °F	Cold Crank
Viscosity Measurement	127	127	Viscosity Index; ASTM D2270
Saybolt Viscosity at 100°F	97 SUS	97 SUS	
Kinematic Viscosity at 40°C (104°F)	19 cSt	19 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	4.1 cSt	4.1 cSt	ASTM D445
Collected Volatile Condensable Material	2.0 %	2.0 %	ASTM D2887
Evaporation Loss	14 %	14 %	CEC L-40-A-93

Thermal Properties	Metric	English	Comments
Pour Point	-15.0 °C	5.00 °F	ASTM D97

Flash Point Thermal Properties	210 °C Metric	410 °F English	ASTM D92 Comments
Descriptive Properties			Value Comments
Aromatics, by HPLC, %			~0
Color			L 0.5
Saturates, by HPLC, %			>99
Sulfur, ppm			<6
Water Separability, Minutes to 0 mL emulsion			15
Water, ppm			25

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