

ChevronTexaco 600R Neutral Oil

Category : Fluid , Lubricant

Material Notes:

FeaturesChevron Neutral Oils are all-hydroprocessed, highly refined API Group II paraffinic base stocks. Their extremely low sulfur, nitrogen, and aromatic content give them excellent thermal and oxidation stability. These base oils provide excellent cold flow performance because the ISODEWAXING® catalyst and technology convert almost all of the wax in the feed into branched compounds. Chevron Neutral Oils offer the following characteristics relative to typical Group I (solvent refined) base stocks:Lower volatility and cold cranking simulator (CCS) viscosity to meet modern engine oil specifications such as ILSAC GF-3Better oxidation and thermal stabilityLower aromatics, sulfur and nitrogenImproved response to pour point depressantsImproved soot dispersancy in heavy duty motor oil formulationsChevron Neutral Oils 100R, 220R, and 600R are API Group II base stocks with a typical viscosity index of 99-103.Chevron Neutral Oil 5R is a 5 cSt Group II "plus" base stock with a typical viscosity index of 115-117. It was designed to meet the low volatility requirements of next generation (ILSAC GF-3) passenger car motor oils while maintaining API Group II status.ApplicationsWhen combined with properly selected additives, Chevron Neutral Oils are ideal for blending a wide variety of finished products, including:Passenger car motor oilsHeavy duty motor oilsIndustrial engine oilsTractor hydraulic fluidsTransmission fluids Gear oilsGreasesHydraulic oilsAmmonia refrigeration oilsPaper machine oilsCompressor oilsProcess oilsLubricant additives

Order this product through the following link:

http://www.lookpolymers.com/polymer_ChevronTexaco-600R-Neutral-Oil.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.874 g/cc	0.874 g/cc	
API Gravity	30.4 °	30.4 °	
Viscosity	4800 cP @Temperature -10.0 °C	4800 cP @Temperature 14.0 °F	Cold Crank
Viscosity Measurement	98	98	Viscosity Index; ASTM D2270
Saybolt Viscosity at 100°F	604 SUS	604 SUS	
Kinematic Viscosity at 40°C (104°F)	116 cSt	116 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	12.5 cSt	12.5 cSt	ASTM D445
Evaporation Loss	2.0 %	2.0 %	CEC L-40-A-93

Thermal Properties	Metric	English	Comments
Pour Point	-12.0 °C	10.4 °F	ASTM D97
Flash Point	270 °C	518 °F	ASTM D92

Descriptive Properties	Value	Comments
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Aromatics, by HPLC, % Descriptive Properties		Value	Comments
Carbon Type by n-d-m, % Naphthenic		28	
Carbon Type by n-d-m, %Aromatic		<1	
Carbon Type by n-d-m, %Paraffinic		72	
Color		L 0.5	
Saturates, by HPLC, %		>99	
Sulfur, ppm		12	
Water Separability, Minutes to 0 mL emulsion		15	
Water, ppm		50	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China