

ChevronTexaco ParaLux® 2401R Process Oil

Category : Fluid , Lubricant

Material Notes:

Features PARALUX is produced using an all-hydroprocessing route which transforms the molecular structure of undesirable aromatics into highly desirable saturates. This produces a process oil with superior physical and chemical properties :lower aromatics result in superior color stability.Lower volatility improves efficiency.Excellent compatibility with rubber polymers reduces processing headaches.**Applications** Because PARALUX is produced by all-hydroprocessing, it has performance properties that surpass most conventional paraffinic process oils and approach or surpass many of the performance characteristics of technical white oils. These advantages include:Exceptionally low aromatic contentBetter color and UV stability than conventional paraffinic or naphthenic oilsAlmost complete resistance to degradation from ultraviolet discolorationLower volatility results in fewer emissions, so less make-up oil is needed and costs are minimizedExcellent compatibility with rubber polymers which require paraffinic oils. Only all-hydroprocessed oils can deliver all of these advantagesChevron ParaLux Process Oils are ideal for use in compounding a wide variety of products, including :FootwearWire and Cable insulationAdhesives, sealants and coatingsPolymer modified asphaltsAutomobile interior moldingsAutomotive under hood partsTires, tire whitewalls, tubes, and inner linersRubber membranesWeather Stripping

Order this product through the following link:

http://www.lookpolymers.com/polymer_ChevronTexaco-ParaLux-2401R-Process-Oil.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.8665 g/cc	0.8665 g/cc	
API Gravity	31.8 °	31.8 °	
Viscosity Measurement	0.8053	0.8053	Viscosity Gravity Constant
Saybolt Viscosity at 100°F	223 SUS	223 SUS	
Saybolt Viscosity at 210°F	48 SUS	48 SUS	
Kinematic Viscosity at 40°C (104°F)	43.3 cSt	43.3 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	6.5 cSt	6.5 cSt	ASTM D445
Molecular Weight	430 g/mol	430 g/mol	ASTM D2502

Thermal Properties	Metric	English	Comments
Pour Point	-12.0 °C	10.4 °F	ASTM D97
Flash Point	110 °C	230 °F	ASTM D92

Optical Properties	Metric	English	Comments
Refractive Index	1.4744	1.4744	

Descriptive Properties	Value	Comments
Aniline Point °F	235	
Aromatics, by HPLC, %	<1	
Carbon Type by n-d-m, % Naphthenic	34	
Carbon Type by n-d-m, %Aromatic	0	
Carbon Type by n-d-m, %Paraffinic	66	
Color	+20, Saybolt	
Saturates, by HPLC, %	>99	

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