

ChevronTexaco ParaLux® 701 Paraffinic 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 :FootwearAgricultural SprayFurniture PolishTextilesWire and Cable insulationAdhesives, sealants and coatingsPolymer modified asphaltsAsphalt extenderAutomobile interior moldingsAutomotive under hood partsTires, tire whitewalls, tubes, and inner linersInsulationGelsDielectric FluidsDrilling FluidsCarpet UnderlaymentHeat transfer fluidsFoamHousehold productsRoofing compoundsRubber membranesWeather Stripping

Order this product through the following link:

http://www.lookpolymers.com/polymer_ChevronTexaco-ParaLux-701-Paraffinic-Process-Oil.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.8509 g/cc	0.8509 g/cc	
API Gravity	34.8 °	34.8 °	
Viscosity Measurement	0.8112	0.8112	Viscosity Gravity Constant
Saybolt Viscosity at 100°F	70 SUS	70 SUS	
Saybolt Viscosity at 210°F	36 SUS	36 SUS	
Kinematic Viscosity at 40°C (104°F)	12.1 cSt	12.1 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	2.9 cSt	2.9 cSt	ASTM D445

Thermal Properties	Metric	English	Comments
Pour Point	-34.0 °C	-29.2 °F	ASTM D97
Flash Point	181 °C	358 °F	ASTM D92

Optical Properties	Metric	English	Comments
Refractive Index	1.4681	1.4681	

Descriptive Properties	Value	Comments
21 CFR 178.3620 (c)	Pass	
Aniline Point °F	208	
Aromatics, by HPLC, %	<1	
Carbon Type by n-d-m, % Naphthenic	39	
Carbon Type by n-d-m, %Aromatic	0	
Carbon Type by n-d-m, %Paraffinic	61	
Color	+25, Saybolt	
Saturates, by HPLC, %	>99	

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