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Product Information

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PARPREME PROCESS OILS

Product Description Paraffinic process oils, that are severely hydrotreated, and provide excellent product stability and low volatility.

Typical Properties

Test Description	Test Method	Parpreme 70	Parpreme 108	Parpreme Heavy
Viscosity, SUS @ 100° F	ASTM D 445	67.0	114	2400
Viscosity, SUS @ 210° F	ASTM D 445	35.7	40.5	148
Viscosity, cSt @ 40° C	ASTM D 341	11.4	21.8	448
Viscosity, cSt @ 100° C	ASTM D 341	2.8	4.2	30.2
API Gravity, 60° F	ASTM D 1250	34.3	33.7	27.4
Specific Gravity, 60° F	ASTM D 4052	0.8534	0.8565	0.8905
Visc-Gravity Constant	ASTM D 2501	0.8155	0.8059	0.7965
Weight, lbs/gal	ASTM D 1250	7.106	7.132	7.415
Molecular Weight	ASTM D 2502	318	410	676
Flash Point, COC, °F	ASTM D 92	360	415	570
Color, ASTM	ASTM D 6045	L0.5	L0.5	3.5
Pour Point, °F	ASTM D 5949	0	0	10
Acid No.	ASTM D 664	0.01	0.01	0.02
Aniline Point, °F	ASTM D 611	207	223	267
Sulfur, wt %	ASTM D 4294	<0.01	<0.01	0.01
Refractive Index, 20° C	ASTM D 1218	1.4684	1.4704	1.4891
UV Absorptivity @ 260 nm	ASTM D 2008	0.08	0.11	1.41
Volatility, wt%, 225°F	ASTM D 972	2.48	0.36	0.03
FDA Regulation	21 CFR 178.3620 (c)	Pass	Pass	Pass
Clay-Gel, wt%	ASTM D 2007			
Asphaltenes		<0.1	<0.1	<0.1
Polar Compounds		0.1	0.1	1.0
Aromatics		6.6	6.8	16.9
Saturates		93.3	93.1	82.1
Carbon Type Analysis, %	ASTM D 2140			
Ca		1	0	2
Cn		37	34	27
Cp		62	66	71
Universal Item Number		-- -- --	18 32 09	18 32 10

Refer to Universal Oil's Material Safety Data Sheet (MSDS) 18 32 09 for additional information.

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