



Advanced Lubrication Specialties
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Typical Properties		Method			
ISO Grade		32/46	22	32	46
Specific Gravity @ 60°F					
@ 15.6°C (60°F)		0.867	0.854	0.864	0.871
@ 38°C (100°F)		0.853	0.840	0.850	0.857
@ 160°C (320°F)		0.775	0.762	0.772	0.779
@ 288°C (550°F)		0.693	0.680	0.690	0.697
@ 316°C (600°F)*		0.675	0.662	0.672	0.679
Density, lbs/gal @ 60°F					
@ 15.6°C (60°F)		7.22	7.11	7.19	7.25
@ 38°C (100°F)		7.10	6.99	7.08	7.13
@ 160°C (320°F)		6.45	6.34	6.43	6.48
@ 288°C (550°F)		5.77	5.66	5.74	5.80
@ 316°C (600°F)*		5.62	5.52	5.60	5.66
Color, ASTM D1500	ASTM D1500	0.5	1.0	1.0	1.0
Flash Point (COC), °C (°F)	ASTM D92	222 (432)	215 (419)	218 (424)	240 (464)
Auto-ignition Temperature, °C (°F)	ASTM E659	348 (658)	339 (642)	342 (648)	343 (649)
Pour Point, °C (°F)	ASTM D97	-15 (5)	-18 (0)	-42 (-44)	-39 (-38)
Viscosity	ASTM D445				
cSt @ 40°C		40.0	22.5	31.7	46.0
cSt @ 100°C		6.3	4.43	5.5	6.8
Viscosity Index	ASTM D2270	105	106	110	102
Acid Number, mg KOH/g	ASTM D974	0.02	0.28	0.28	0.28
Carbon Residue, wt %	ASTM D524	0.04	0.17	0.17	0.17
Oxidation Stability, RPVOT, minutes	ASTM D2272	---	57	57	57



**ADVANCED
LUBRICATION
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ISO 9001:2015 Registered