



**Polyalphaolefin (PAO) 2 cSt
PRODUCT INFORMATION
(Axxess PAO 2)**

Routine Properties	Specification Range	Test Method
Viscosity cSt 100°C	1.6 - 2.1	ASTM D-445
Pour Point °C	-55 max	ASTM D-97
Flash Point °C	145 min	ASTM D-92
Specific Gravity 15.6/15.6°C (60/60°F)	0.799 - 0.803	ASTM D4052
Bromine Number, g Br ₂ /100g	1.0 Max	IP-129
Total Acid Number, mg KOH/g	0.01 Max	ASTM D-974
Moisture, ppm	75 Max	ASTM D-3401
Color	0.5 Max	ASTM D-1500
Decene (C ₁₀) Monomer, % wt.	1.0 Max	GC
Typical Properties	Typical	Test Method
Appearance	Clear & Bright	Observation
Viscosity, cSt, 40°C	4.5 – 6.5	ASTM D-445
Viscosity, cSt, 125°C	1.35	ASTM D-445
Viscosity, cSt, 150°C	1.1	ASTM D-445
Viscosity, cSt, 200°C	0.73	ASTM D-445
Viscosity, cSt, -18°C	62.0	ASTM D-445
Viscosity, cSt, -40°C	310	ASTM D-445
Noack Volatility 250°C, 1 hr, %wt., Evap	99	DIN 51581
Density (lb/gal)	6.65	
Molecular Weight	287	CG (Calculated)
Refractive Index	1.445	ASTM D-1218
Dielectric Constant, 23°C, 1.0 & 1000 KHz	2.076	

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