

Product Specifications

Product: SORBO 52 (300 Solvent Neutral) Base Oil

Property	Units	Method	Specification
Colour	-	ASTM D1500	3.0 max
Appearance	-	ASTM D4176	Clear & Bright
Density @ 15°C	kg L ⁻¹	ASTM D1298	Report
Kinematic Viscosity @ 40°C	cSt	ASTM D445	47 – 57
Kinematic Viscosity @ 100°C	cSt	ASTM D445	6.3 – 7.7
Viscosity Index	-	ASTM D2270	99 min
Flash Point, PMCC	°C	ASTM D93	200 min
Corrosion Copper Strip	(3hr @ 100°C)	ASTM D130	1A max
Pour Point	°C	ASTM D97	-6 max
Water	%W/W	ASTM D1744	0.01 max
Total Acid Number	mg (KOH) g ⁻¹	ASTM D974	0.03 max
Polyaromatic Hydrocarbons	mg kg ⁻¹	SWA-846 8275	400 max (specified)
Polychlorinated Biphenyls	mg kg ⁻¹	SWA-846 8082	2.0 max
dioxins/furans	WHO-TEQ pg g ⁻¹	EPA D974-97	10 max
Modified AMES test	Mutagenicity Index	ASTM E1687	1 max
Heavy Metals: As, Cr, Cd, Pb	mg kg ⁻¹	ASTM D5185	As 5, Cr 10, Cd 2, Pb 100. max
Foaming Tendency (Seq' II)*	mL/mL	ASTM D892	40/Nil
Demulsability @ 82.2°C*	mL/mL/mL	ASTM D1401	40/30/10 (30 min)
Conradson Carbon Residue*	%W/W	ASTM D189	0.01
Aniline Point*	°C	ASTM D611	109
Volatility (NOACK conversion)*	%	ASTM D2887	14
Paraffin/Aromatic/Naphtha*	%W/W	ASTM D2140	68/6/26
Saturates*	%W/W	ASTM D2007	81.0
Ash*	%W/W	ASTM D482	0.01 max
Sulphur*	%W/W	IP 336	0.50 max

* Not specified, typical results only noted.

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