

Product Data Sheet

PROPERTY	UNIT	TEST METHOD	SPECIFICATION	TYPICAL VALUE
PHYSICAL PROPERTIES				
Kinematic Viscosity, 40°C	cSt	ASTM D 445		238,43
Kinematic Viscosity, 100 °C	cSt	ASTM D 445	15	15,84
Viscosity Index, min.		ASTM D 2270	50	54
Flash Point, min.	°C	ASTM D 93	225	248
Pour Point, max.	°C	ASTM D 97	-5	-12
Density, 15 °C	kg/l	ASTM D 4052		0,917
Colour, max.		ASTM D 1500	6,5	6,3
Appearance, 15 °C		ASTM D 4176	C&B	C&B
Water Content	%	ASTM D 6304	Trace	Trace
Viscosity-Gravity Constant		ASTM D 2501		0,846
Refractive Index	20 °C	ASTM D 1747		1,505
UV Absorbance	260 nm L/g.cm	ASTM D 2008		8,39
CHEMICAL PROPERTIES				
TAN - Total Acid Number, max.	mg KOH/gr	ASTM D 974	0,20	0,07
Aniline Point	°C	ASTM D 611		100
Sulphur Content	%	ASTM D 4294		0,14
Ash Content, max.	%	ASTM D 482	0,015	0,001
Carbon Type Analysis	Paraffinic %	ASTM D 2140		56,8
	Naphthenic %			31,0
	Aromatic %			12,3
Conradson Carbon Residue (CCR), max.	%	ASTM D 189	0,70	0,20
Water Soluble Acids and Alkali Content	mg KOH/gr		n.d.	n.d.
Sludge	%		n.d.	n.d.

* C & B : Clear and Bright

* n.d.: not detectable