

Product Data Sheet

PROPERTY	UNIT	TEST METHOD	SPECIFICATION	TYPICAL VALUE
PHYSICAL PROPERTIES				
Kinematic Viscosity, 40°C	cSt	ASTM D 445		146,72
Kinematic Viscosity, 100 °C	cSt	ASTM D 445	9 ~13	11,95
Viscosity Index, min.		ASTM D 2270	55	60
Flash Point, min.	°C	ASTM D 93	215	238
Pour Point, max.	°C	ASTM D 97	5	-3
Density, 15 °C, max.	kg/l	ASTM D 4052	0,920	0,915
Colour		ASTM D 1500		5,5
Water Content	%	ASTM D 6304	n.d.	n.d.
Viscosity-Gravity Constant		ASTM D 2501		0,851
Refractive Index	20 °C	ASTM D 1747		1,505
UV Absorbance	260 nm L/g.cm	ASTM D 2008		9,36
CHEMICAL PROPERTIES				
TAN - Total Acid Number, max.	mg KOH/gr	ASTM D 974	0,30	0,04
Aniline Point	°C	ASTM D 611		95
Sulphur Content	%	ASTM D 4294		0,18
Ash Content, max.	%	ASTM D 482	0,03	0,001
Carbon Type Analysis	Paraffinic %	ASTM D 2140		56,2
	Naphthenic %			29,7
	Aromatic %			14,1
Steel Plates Corrosion	3 hours, 100°C		Passed	Passed
Conradson Carbon Residue (CCR), max.	%	ASTM D 189	0,70	0,13
Sludge, max.	%		0,007	0,005

* n.d.: not detectable