

# PROCESS OIL

## T-46



### Product Data Sheet

PROPERTY	UNIT	TEST METHOD	SPECIFICATION	TYPICAL VALUE
<b>PHYSICAL PROPERTIES</b>				
Kinematic Viscosity, 40°C	cSt	ASTM D 445		76,72
Kinematic Viscosity, 100 °C	cSt	ASTM D 445		7,96
Viscosity Index, min.		ASTM D 2270	60	66
Flash Point, min.	°C	ASTM D 93	195	220
Pour Point, max.	°C	ASTM D 97	-10	-24
Density, 15 °C, max.	kg/l	ASTM D 4052	0,905	0,907
Colour, max.		ASTM D 1500	3,0	< 2,0
Appearance, 15 °C		ASTM D 4176	C&B	C&B
Water Content, max.	%	ASTM D 6304	0,02	0,010
Viscosity-Gravity Constant		ASTM D 2501		0,849
Refractive Index	20 °C	ASTM D 1218		1,498
UV Absorbance	260 nm L/g.cm	ASTM D 2008		7,07
<b>CHEMICAL PROPERTIES</b>				
TAN - Total Acid Number, max.	mg KOH/gr	ASTM D 974	0,02	0,01
Aniline Point	°C	ASTM D 611		93
Sulphur Content	%	ASTM D 4294		0,1
Ash Content, max.	%	ASTM D 482	0,010	0,002
Carbon Type Analysis	Paraffinic %	ASTM D 2140		52,5
	Naphthenic %			36,4
	Aromatic %			11,1
Copper Strip Corrosion	3 hours, 100°C	ASTM D 130	Passed	1A
Water Soluble Acids and Alkali Content	mg KOH/gr	Titrimetric	n.d.	n.d.
Sodium test in cuvette 10 mm, max.			2,0	1,25
Sludge	%		n.d.	n.d.
<b>Oxidation Stability</b>				
* Total Acidity, max.	mg KOH/g		0,35	0,27
* Lobe of deposit - Sludge, max.	%		0,10	0,08
<b>HEALTH, SAFETY AND ENVIRONMENT</b>				
DMSO Extractible Compounds - PCA Content	%	IP 346		2,56

\* C & B: Clear and Bright

\* n.d.: not detectable