

****CERTIFICATE OF QUALITY****

Control No: 39/2007

Draw certificate date:

05/01/07

Publish date:

16/02/07

For:

Packing, Tank

Reservoir: 15V028

392

Batch:

LOTOS DIESEL CLASSIC PLUS CH-4 10W/40

V

Lp.	PROPERTY	TEST METHOD	UNITS	RESULTS
1	Viscosity at 100 C	EN-ISO 3104:1999	mm ² /s	13.89
2	Pour Point	ASTM D 5950-02	deg C	-39
3	Flash Point COC	ASTM D 92-02b	deg C	220
4	Density, at 15 deg C	EN ISO 12185:1996	g/cm ³	0.8776
5	Appearance	visual		C & B
6	Viscosity CCS temp. -25 C	ASTM D 5293	mPa*s	6640
7	Viscosity at 40 C	ASTM D 445-04	mm ² /s	93.47
8	Viscosity Index	ASTM D 2270-04		152
9	Shear Stability	IP 294		
	-Visc.kinem.temp.100C, 30 Shear Cycles	ASTM D 445-04	mm ² /s	12.75
10	Water	ASTM D 95-99		none
11	Total Base Number (TBN)	ASTM D 2896-03	mg KOH/g	11.72
12	Sulfated Ash	ASTM D 874-00	% wt	1.41
13	Corrosion action Cu in 120 deg C 3 h	ASTM D 130-04	deg Cor.	1

Certificate of Quality may be duplicated only as a whole.

Test were run in LOTOS Lab Sp. z o.o.

Product does meet requirements of the contract: WOK 68/05 wyd.1

Confirm certificate - name: :J.Szczublewski

Publish certificate - name: :S.Gliwiński