

**\*\*CERTIFICATE of QUALITY\*\***

Control No: 15/2007

Draw certificate date:  
Publish date:

03/01/07  
16/02/07

For:  
Packing, Tank  
Reservoir: 15V026  
Batch:

15

**LOTOS DIESEL CLASSIC CF-4 SAE 10W  
V**

Lp.	PROPERTY	TEST METHOD	UNITS	RESULTS
1	Viscosity at 100 C	EN-ISO 3104:1999	mm <sup>2</sup> /s	6.24
2	Pour Point	ASTM D 5950-02	deg C	-36
3	Flash Point COC	ASTM D 92-02b	deg C	236
4	Density, at 15 deg C	EN ISO 12185:1996	g/cm <sup>3</sup>	0.8844
5	Viscosity CCS temp. -25 C	ASTM D 5293	mPa*s	6030
6	Viscosity at 40 C	ASTM D 445-04	mm <sup>2</sup> /s	39.71
7	Viscosity Index	ASTM D 2270-04		104
8	Water	ASTM D 95-99		none
9	Total Base Number (TBN)	ASTM D 2896-03	mg KOH/g	11.20
10	Sulfated Ash	ASTM D 874-00	% wt	1.52
11	Corrosion action Cu in 120 deg C 3 h	ASTM D 130-04	deg Cor.	1
12	Evaporation loss Noack	DIN 51581	% wt	13.6
13	Foaming	ASTM D 892		
	-tendency at 25 deg C		ml	0
	-tendency at 95 deg C		ml	10
	-tendency at 25 deg C ex 95 deg C		ml	0
14	Stability -10 min.	ASTM D 892		
	-at 25 deg C		ml	0
	-at 95 deg C		ml	0
	-at 25 deg C ex 95 deg C		ml	0

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: WT 7/03 wyd.4

Confirm certificate - name: :J.Lendasz

Publish certificate - name: :S.Gliwiński