

**\*\*CERTIFICATE OF QUALITY\*\***

Control No: 1437/2006

Draw certificate date:  
Publish date:

07/06/06  
16/02/07

For:  
Packing, Tank  
Reservoir: 15V027  
Batch:

1437

**LOTOS ZIELONY OGRÓD**  
V

Lp.	PROPERTY	TEST METHOD	UNITS	RESULTS
1	Viscosity at 100 C	EN-ISO 3104:1999	mm <sup>2</sup> /s	12.39
2	Pour Point	ASTM D 5950-02	deg C	-18
3	Flash Point COC	ASTM D 92-02b	deg C	252
4	Density, at 15 deg C	EN ISO 12185:1996	g/cm <sup>3</sup>	0.8896
5	Viscosity at 40 C	ASTM D 445-04	mm <sup>2</sup> /s	113.00
6	Viscosity Index	ASTM D 2270-04		100
7	Water	ASTM D 95-99		none
8	Total Base Number (TBN)	ASTM D 2896-03	mg KOH/g	6.58
9	Sulfated Ash	ASTM D 874-00	% wt	0.66
10	Corrosion action Cu in 120 deg C 3 h	ASTM D 130-04	deg Cor.	1
11	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
12	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 11/02 wyd.4

Confirm certificate - name: :I.Ruczynska

Publish certificate - name: :S.Gliwiński