

****CERTIFICATE OF QUALITY****

Control No: 190/2007

Draw certificate date:

26/01/07

Publish date:

16/02/07

For:
Packing, Tank

Reservoir: 15S027

002

Batch:

LOTOS CITY DIESEL CC SAE 20W/50
V

Lp.	PROPERTY	TEST METHOD	UNITS	RESULTS
1	Appearance	visual		homogene.
2	Appearance	visual		clear
3	Viscosity at 100 C	EN-ISO 3104:1999	mm ² /s	19.50
4	Viscosity at 40 C	ASTM D 445-04	mm ² /s	177.40
5	Viscosity Index	ASTM D 2270-04		126
6	Pour Point	ASTM D 97-02	deg C	-30
7	Flash Point COC	ASTM D 92-02b	deg C	250
8	Sulfated Ash	ASTM D 874-00	% wt	1.03
9	Total Base Number (TBN)	ASTM D 2896-03	mg KOH/g	9.23
10	Water	ASTM D 95-99		none
11	Copper corrosion	ASTM D 130-04		1
12	Foaming	ASTM D 892		
	-tendency at 25 deg C		ml	0
	-tendency at 95 deg C		ml	20
	-tendency at 25 deg C ex 95 deg C		ml	0
13	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
14	Density, at 15 deg C	EN ISO 12185:1996	g/cm ³	0.8849

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 9/97 wyd.3

Confirm certificate - name: :J.Lendasz

Publish certificate - name: :S.Gliwiński