

****CERTIFICATE OF QUALITY****

Control No: 2036/2006

Draw certificate date:

13/08/06

Publish date:

16/02/07

For:

Packing, Tank

Reservoir: 15V001

2036

Batch:

TURDUS CNG SAE 15W/40

V

Ip.	PROPERTY	TEST METHOD	UNITS	RESULTS
1	Pour Point	ASTM D 5950-02	deg C	-33
2	Flash Point COC	ASTM D 92-02b	deg C	236
3	Density, at 15 deg C	EN ISO 12185:1996	g/cm3	0.8861
4	Viscosity CCS temp. -20 C	ASTM D 5293	mPa*s	6550
5	Viscosity at 40 C	ASTM D 445-04	mm2/s	107.10
6	Viscosity HTHS at 150 C (at 10 ⁶ s ⁻¹)	ASTM D 4741	mPa*s	3.99
7	Shear Stability	IP 294		
	-Visc.kinem.temp.100C, 30 Shear Cycles	ASTM D 445-04	mm2/s	12.97
8	Viscosity Index	ASTM D 2270-04		134
9	Total Base Number (TBN)	ASTM D 2896-03	mg KOH/g	7.74
10	Sulfated Ash	ASTM D 874-00	% wt	0.80
11	Copper corrosion	ASTM D 130-04	Class	1
12	Evaporation loss Noack	DIN 51581	% wt	9.0
13	Foaming	ASTM D 892		
	-tendency at 25 deg C		ml	0
	-tendency at 95 deg C		ml	0
	-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 14/06 wyd.1

Confirm certificate - name: :P.Schneider

Publish certificate - name: :S.Gliwiński