

****CERTIFICATE of QUALITY****

Control No: 748/2006

Draw certificate date:

31/03/06

Publish date:

16/02/07

For:
Packing, Tank
Reservoir: 15V026
Batch:

748

TURDUS POWERTEC SYNTHETIC 5W/30
V

Lp.	PROPERTY	TEST METHOD	UNITS	RESULTS
1	Viscosity at 100 C	EN-ISO 3104:1999	mm ² /s	11.89
2	Pour Point	ASTM D 5950-02	deg C	-42
3	Flash Point COC	ASTM D 92-02b	deg C	232
4	Density, at 15 deg C	EN ISO 12185:1996	g/cm ³	0.8609
5	Viscosity Index	ASTM D 2270-04		159
6	Total Base Number (TBN)	ASTM D 2896-03	mg KOH/g	16.31
7	Viscosity MRV at -35 C	ASTM D 4684	mPa*s	16700
8	Visc.CCS at -30 C	ASTM D 5293	mPa*s	6100
9	Copper corrosion	ASTM D 130-04	Class	1
10	Evaporation loss Noack	DIN 51581	% wt	7.2
11	Shear Stability	IP 294		
	-Visc.kinem.temp.100C, 30 Shear Cycles	ASTM D 445-04	mm ² /s	11.88
12	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
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

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 70/05 wyd.3

Confirm certificate - name: :I.Ruczyńska

Publish certificate - name: :S.Gliwiński