

****CERTIFICATE OF QUALITY****

Control No: 253/2007

Draw certificate date:
Publish date:

04/02/07
16/02/07

For:
Packing, Tank
Reservoir: 15S009
Batch:

253

L-HM 80
V

Lp.	PROPERTY	TEST METHOD	UNITS	RESULTS
1	Viscosity at 40 C	ASTM D 445-04	mm ² /s	80.24
2	Pour Point	ASTM D 5950-02	deg C	-27
3	Flash Point COC	ASTM D 92-02b	deg C	268
4	Density, at 15 deg C	EN ISO 12185:1996	g/cm ³	0.8829
5	Appearance	visual		Clear,
6	Appearance	visual		bright
7	Viscosity Index	ASTM D 2270-04		97
8	Water	ASTM D 95-99		none
9	Total Acid Number	ASTM D 974-02	mg KOH/g	1.33
10	Aniline point	ASTM D 611	deg C	108.2
11	Demulsibility at 82 deg C	ASTM D 1401	cm ³ (min)	40/40/0 10
12	Corrosion action Cu in 120 deg C 3 h	ASTM D 130-04	deg Cor.	1
13	Corrosion for Synthetic Sea Water	ASTM D 665		rust free
14	Four Ball Wear Test-Mean Wear Scar Diam	DIN 51350	mm	0.45
15	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
16	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
17	Filtreability of hydraulic fluids	Denison TP-02100		
	-without addition of water		s	190
	-with addition 2% of water		s	230

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 2/99 wyd.2

Confirm certificate - name: :I.Ruczyńska

Publish certificate - name: :S.Gliwiński