

****CERTIFICATE of QUALITY****

Control No: 1362/2004

Draw certificate date: 25/06/04
Publish date: 16/02/07

For:
Packing, Tank
Reservoir: 15V026 1362
Batch: 475

OLEJ HYDRAULICZNY L-HM-100

V

Lp.	PROPERTY	TEST METHOD	UNITS	RESULTS
1	Viscosity at 40 C	ASTM D 445-04	mm ² /s	103.80
2	Pour Point	ASTM D 5950-02	deg C	-27
3	Flash Point COC	ASTM D 92-02b	deg C	274
4	Density, at 15 deg C	EN ISO 12185:1996	g/cm ³	0.8836
5	Appearance	visual		Clear,
6	Appearance	visual		bright
7	Viscosity Index	ASTM D 2270-04		95
8	Water	ASTM D 95-99		none
9	Total Acid Number	ASTM D 974-02	mg KOH/g	1.30
10	Aniline point	ASTM D 611	deg C	108.4
11	Demulsibility at 82 deg C	ASTM D 1401	cm ³ (min)	41/39/0(13)
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	Foaming	ASTM D 892		
	-tendency at 25 deg C		ml	10
	-tendency at 95 deg C		ml	20
	-tendency at 25 deg C ex 95 deg C		ml	10
15	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
16	Four Ball Wear Test-Mean Wear Scar Diam	DIN 51350	mm	0.49

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 2/90 wyd.5

Confirm certificate - name: :R.Stachulski

Publish certificate - name: :S.Gliwiński