



*megu***info**

Art.-Nr. 3230.000

Stand: 99.04

LM THT Multi Mehrzweckfett

A lithium soap grease, produced from carefully selected base materials and special additives. For lubrication of normal stressed roller- and plain bearings at normal to high speed, also under dusty and damp operating conditions.

Service range from -30 °C to + 120 °C

Brief temperature-peaks up to +130 °C are permissible.

Identification acc. to DIN 51550: K2K-30

Characteristic data

approx. values

Appearance and properties

natural colour, supple,

Saponification type

base oil viscosity at 40 °C

soft,light

Flash point

Li

Pour point

DIN 51562

mm²105

DIN ISO 2592

°C

230

DIN ISO 3016

°C

- 22

Drip point

DIN ISO 2176

°C

180

Consistency class

DIN 51818

2

Fulling penetration

DIN ISO 2137

0,1 mm

270-290

Fulling stability

DIN ISO 2137

Difference after 5.000 u. 60 DH

0,1 mm

< 10

Difference after 100.000 u. 60 DH

0,1 mm

< 30

Timken-Test

Friction with stress of

43 lbs

mg

< 4,0

Weight

DIN 51807 part 1

lbs

50

1-90

Property against water

Anti-corrosion properties

Emcor-method

DIN 51802

Corr.-degr.

0

Copper strip test

DIN 51811

Corr.-degr.

solid foreign bodies

1-125

Test screen mesh 140 µ

DIN 51813

< 4

Water content

DIN ISO 3733

mg / kg

< 0,1

g / 100 g

Neutralization number, alkaline

DIN 51809 Teil 1

mg KOH/g

2,0

Oil separation after 7 days

And + 40 °C

DIN 51817

g / 100 g

3,6

Ashes, oxide

DIN EN 7

g / 100 g

1,2

Ashes, sulphate

DIN 51803

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Pipe friction resistance in the Shell-de Limon rheometer		g / 100 g			1,8
Delivery rate					
7 mm clearance at + 20 °C		g / min	10	100	
7 mm clearance at - 20 °C		bar / m	3,6	5,5	
16 mm clearance at + 20 °C		bar / m	24		60
16 mm clearance at - 20 °C		bar / m		1,4	1,8
Oxidation resistance		bar / m		3,8	7,8
Pressure fall after 100 h at + 99 °C	DIN 51808	bar	< 0,3		
Mechanic/ Dynamic test A	DIN 51806		excellent	passing	
test B at +120 °C	DIN 51806			excellent	passing
Water washing loss at + 38 °C	ASTM D 1264	g / 100g	1,8		

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