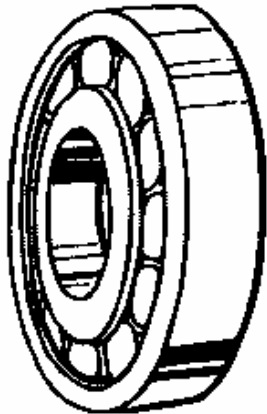
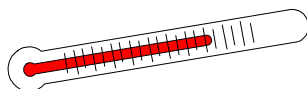


MOLYDUVAL

Pegasus KPA 1



200°C



-40°C

Thermostable, Synthetic High Temperature Grease

MOLYDUVAL Pegasus KPA 1 is a smooth, temperature stable, synthetic lubrication grease for rolling and sliding bearings as well as for gears at high temperatures. MOLYDUVAL Pegasus KPA 1 is also available in NLGI class 2.

Characteristics

- excellent rust- and corrosion prevention
- long time stability
- compatibility with polystyrol, noryl (polyphlenoxid-polysyrol-mix), lexan (polycarbonatresin), valox and a multitude of further plastics
- water resistant
- low oxidation rate, no deposits
- the contained tackiness prevents, respectively removes vibrations and noises
- the smooth structures of this grease allows a simple and convenient application. This is an advantage especially at small and difficult accessible lubrication points

Applications

- for slow and fast running bearings at high temperature range, f.e. ventilator bearing, bearings at electro engines, coupling pressure bearings. Long time lubrication is possible in humid environments and at intermittently load
- for lubrication of extreme loaded, fast running bearings for a long period of time (f.e. life lubrication of car front wheel bearings)

How To Use

Fill bearing with grease gun or automatic lubrication system up to the half fast running to one third. At temperatures above 170°C relubricate frequently.

PROPERTIES	Specification	Unity	
Name	DIN 51502		KLPHC1R-40
Base oil			Polyalfaolefines
Color			yellow like
Density at 15°C	SEB 181301	kg/m ³	900
Penetration, worked	DIN ISO 2137	0,1-mm	310-340
Penetration, unworked	DIN ISO 2137	0,1-mm	310-340
Consistency class NLGI	DIN 51818	-	1
Base oil viscosity at 40°C	DIN 51562	mm ² /s	110
Dropping point	DIN ISO 2176	°C	without
Temperature range		°C	-40 up to +150/200
Tests			
Oxidation stability	DIN 51808	bar	
Water stability	DIN 51807 T1	grade	0-90
Penetration rate after 10000 DH		0,1-mm	<20
Corrosive prevention	ASTM D-1743	Corrosive grade	1
VKA-Schweißkraft	DIN 51350	kg	315

For more information call +49 2102 9757-28 or contact us at <http://www.molyduval.com> αβχδϵ

The technical information in this technical data sheet represents our present knowledge.

Because of complexity of tribological systems it does not form part of any sales contract as guaranteed properties of the delivered material.