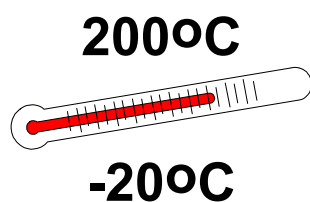


MOLYDUVAL

Pegasus C 46



High Temperature Grease for heavy loads

MOLYDUVAL Pegasus C 46 is a low friction high temperature grease for long life lubrication of bearings, sliding surfaces and chains in high temperature areas. Pegasus C 46 includes MoS₂ for reducing friction and increasing pressure capacity. Pegasus C 46 does not solidify at highest temperatures, the components evaporate in case of exceeded temperatures and relubrication must be guaranteed. Greases based on complex soaps as Pegasus C 46 have the best water resistance in comparison to other soap thickeners.

Characteristics

- extreme load-carrying property, and so optimal wear protection even under extreme load
- extreme temperature stability
- best oxidation stability for lifetime lubrication
- low evaporation, no gumming
- very good water resistance, best corrosion protection
- compatible with lubricants based on mineral oil
- compatible with thermoplastics and duroplastics

Applications

- for high temperature loaded bearings, f.e. in ovens
- for thrust, cylinder bearings in sleeve bearings
- for gear lubrication
- for sliding surfaces
- for lubrication of chains in ovens

How To Use

Fill bearing with grease gun or automatic lubrication system up to one half, fast running to one third and very slow bearings completely.

Properties	Specification	Unit	
Name	DIN 51502		KPF2R-20
Base Oil			Mineral Oil
Color			black
Density, 15°C	SEB 181301	kg/m ³	910
Penetration, worked	DIN ISO 2137	·0,1mm	265-295
Penetration, unworked		·0,1mm	265-295
Consistency class	DIN 51818	NLGI	2
Dropping point	DIN ISO 2176		250
Temperature range		°C	-20 up to +180
shortly		°C	200
Water resistance	DIN 51807	Grade	0-90
Oxidation stability	DIN 51808	bar	< 0,5
Corrosion Protection	DIN 51802	Corrosive grade	0-0
Penetration decrease after	60,000 DH	·0,1 mm	<30
Oil separation	DIN 51817	%	<3

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.