

Swd Rheinol Mehrzweckfett KPF2K-30

Lithium Grease for Hight Stress Applications

Product Description

Swd Rheinol Mehrzweckfett KPF2K-30 is a lithium grease based on mineral oils. The product contains anti-wear and extreme pressure additives, anti-oxidants, corrosion inhibitors and 3% black solid lubricants (Molybdenum disulphide and Graphite). Furthermore it contains a small amount of polymer to improve adhesion.

Properties

- Good oxidation stability
- Excellent load carrying capacity
- Good mechanical stability
- Rust protection

Specification

- ❖ NLGI-class 2
- ❖ DIN 51825 - KPF2K-30

Typical Values

Swd Rheinol Mehrzweckfett KPF2K-30	unit	value	method
Temperatur range	continuous operation	°C	-30 to + 130
	short period	°C	max. + 150
Density at 25°C	kg/m ³	930	
Color	visual	greyblack, smooth	
Base oil viscosity	at 40°C	mm ² /s	120
	at 100°C	mm ² /s	11
Drop point	°C	> 180	DIN ISO 2176
Mechanical stability	Penetration 60 strokes	0,1 mm	265 - 295
	Penetration 100.000 strokes	units	+ 30
Water resistance		1 - 90	DIN 51 807 Teil 1
Lubricating ability	SKF R2F test A		Pass
	SKF R2F test B at 110°C		Pass
Corrosion protection	SKF Emcor distilled water		0 - 0
	Copper corrosion 24h/100°C		1
Anti-wear properties	4-ball weld load	N	2400
	4-ball wear scar (1h at 400N)	mm	0,5
Flow pressure at -30°C	mbar	< 1400	DIN 51 805
Oxidation stability	bar	< 0,2	DIN 51 808

Article-Number : 30986

Specification variations in these characteristics may occur.
The instructions of manufacturer must be regarded.
Further informations to be available by MSDS.

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