



Univar Grease LXS 2

High performance multipurpose EP grease

Product Description

Univar Grease LXS 2 is a lithium complex thickened lubricating grease based on mineral oil. The grease contains antioxidants, corrosion inhibitors and EP/AW additives. The lithium complex thickener makes the product suitable for applications within a very wide temperature range and especially applications at elevated temperatures. The complex soap structure also gives the product a high degree of mechanical stability. This enhances the performance in vibrating housings and prolongs re-lubrications intervals.

Benefits

- Very good mechanical stability
- High load carrying capacity
- Very good corrosion protection
- Excellent at high temperatures

Typical Applications

Suitable for both industrial and automotive applications.

The product's allround properties make it suitable for various types of bearing applications including heavy load conditions and temperature peaks up to 220 C

Univar Grease LXS 2 meets the requirement of Volvo standard " Lubricating grease 97720.

Typical Technical Data

Thickener		Lithium Complex
Base oil		Mineral oil
NLGI	ASTM D217	2
Dropping point	IP 396	>260 C
Viscosity at 40 C	ISO 12058	210 cSt

Viscosity at 100 C	ISO 12058	18 cSt
4- ball weld load	DIN 51350:4	2800 N
Temperature range	-30 C to +140 C max +220 C	
Density at 20 C	IPPM-CS/03	0,95

Mechanical stability

Penetration 60 stroke	ISO 2137	265-295
Penetration 100 stroke	ISO 2137	+ 30
Shell roll stability 50h/80 C	ASTM D 1831 mod	+ 70
SKF V2F (500 and 1000 rpm)	SKF	Pass
SKF WBG	SKF	Pass

Corrosion protection

SKF Emcor WWO dist.water	ISO 11007mod	0-1
SKF Emcor WWO salt.water	ISO 11007mod	2-3
SKF Emcor acid solution	ISO 11007	0-0
Copper corrosion 24h/100 C	ASTM D4048	1a

Water stability

Water resistance	DIN 51807/1	1-90
Water washout 1h/80 C	ISO 11009	4 %

Oil Separation

Separation 168h at 40 C	IP 121	2 %
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Lubrication ability

SKF R2F test A	SKF	Pass
SKF R2F test B at 140 C	SKF	Pass

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Anti-wear properties

4-ball wear scar(1h at 400N)	DIN 51350:5	0,7 mm
Timken 55 lbs	IP 326	OK

Others

Oxidation stability 100h/100 C	ASTM D942	14 kPa
Flow pressure -35 C	DIN 51805	<1400 hPa

Classifications

DIN 51 502	KPHCC00N-40
ISO 6743	ISO-L-XDDIB00

Advice

Advice on applications not covered in this leaflet may be obtained from your Univar representative

Health and Safety

Safety Data Sheets is available on www.univar.com. It can also be obtained from your Univar representative.

Handling

Used lubricants should be taken to an authorised collection point. Do not discharge into drains, soil or water.

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