

Univar Grease HLS 00

Description

Univar Grease HLS 00 is a lithium complex thickened lubricating grease based on synthetic oil. The grease contains antioxidants, corrosion inhibitors and EP/AW additives based on bismuth technology. The thickener, together with the synthetic base oil, makes the product suitable for applications within a very wide temperature range and especially applications at low temperatures. The complex soap structure also gives the product a high degree of mechanical stability. The specially developed bismuth additive package gives the grease a very high load carrying capacity and excellent wear protection.

Performance, Features & Benefits

- Very good mechanical stability
- High load carrying capacity
- Very good corrosion protection
- Easy to pump at low temperatures

Typical Applications

Automotive centralised lubrication systems

Industrial centralised lubrication systems

Enclosed gearboxes

Typical Physical Characteristics

Thickener		Lithium Complex
Base oil		Synthetic (PAO)
NLGI	ASTM D217	00
Dropping point	IP 396	>240 C
Viscosity at 40 C	ISO 12058	480 cSt
Viscosity at 100 C	ISO 12058	50 cSt
4- ball weld load	DIN 51350:4	3400 N

Temperature range	-40 C till 100 C max +120 C	
Density at 20 C	IPPM-CS/03	0,90
Mechanical stability		
Penetration 60 stroke	ISO 2137	400-430
Penetration 100 stroke	ISO 2137	+ 25
Corrosion protection		
SKF Emtor dist.water	ISO 11007	0-0
SKF Emtor WWO dist.water	ISO 11007mod	2-3
Copper corrosion 24h/100 C	ASTM D4048	1b
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, Safety & Environment

Guidance on Health & Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from www.univarlubricants.no www.univarlubricants.se www.univarlubricants.dk www.univarlubricants.fi

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