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Gulf Crown Synth LC 2

Universal Synthetic EP Grease

Product Description:

Gulf Crown Synth LC 2 is a lithium complex thickened lubricating grease based on synthetic oil. **Gulf Crown Synth LC 2** contains antioxidants, corrosion inhibitors and EP/AW additives based on bismuth technology. The thickener, together with the synthetic base oil, makes **Gulf Crown Synth LC 2** suitable for both high and low temperature applications. The complex soap structure also gives **Gulf Crown Synth LC 2** a high degree of mechanical stability. This enhances the performance in vibrating housings and prolongs re-lubrication intervals.

Gulf Crown Synth LC 2 has excellent high and low temperature properties, has very good mechanical stability, high load carrying capacity and good corrosion protection. The specially developed bismuth additive package gives **Gulf Crown Synth LC 2** a very high load carrying capacity and excellent wear protection. **Gulf Crown Synth LC 2** is a modern high performance synthetic product suitable for both industrial and automotive applications. **Gulf Crown Synth LC 2**'s all-round properties and wide temperature range make it the primary choice for various types of bearing applications including high and low temperature conditions.

<u>Property:</u>	<u>Test Method:</u>	<u>Typical Values:</u>
Colour	Visual	Light brown
NLGI Consistency (National Lubricating Grease Institute)	ASTM D217	2
Approximate Density @ 25°C	IPPM-CS/03	870 kg/m ³
Base Oil Viscosity @ 40°C	ISO 12058	100 mm ² /s
Base Oil Viscosity @ 100°C	ISO 12058	15 mm ² /s
Dropping Point	IP 396	>260°C
4-ball weld load	DIN 51350-4	3800 N
<u>Mechanical Stability:</u>		
Penetration 60 strokes	ISO 2137	265-295
Penetration 100.000 strokes	ISO 2137	+30
Shell Roll Stability 50 hrs @ 80°C	ASTM D1831mod	+50
<u>Corrosion Protection:</u>		
SKF Emcor distilled water	ISO 11007	0-0
SKF Emcor salt water	ISO 11007	0-1
SKF Emcor WWO distilled water	ISO 11007mod	0-0
SKF Emcor WWO salt water	ISO 11007mod	2-3
Copper Corrosion 24 hrs @ 100°C	DIN 51811	1b
<u>Water Stability:</u>		
Water Resistance	DIN 51807-1	1-90
<u>Oil Separation</u>		
Separation 168 hrs @ 40°C	IP 121	2%
<u>Anti-wear properties:</u>		
4-ball wear scar 1 hr @ 400 N	DIN 51350-5	0.7 mm
<u>Lubricating ability</u>		
SKF R2F test A	SKF	Pass
SKF R2F test B @ 150°C	SKF	Pass
Starting and running torque @ -40°C	-	0.59 Nm/0.05 Nm

Temperature Range: Continuous operation: -40°C to +150°C. Short period: max: +220°C

Classification: DIN 51502: KHCP2N-40, ISO 6743: ISO-L-XDDIB2

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