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# Gulf Crown EP 1

## Multi Purpose EP Grease

### Product Description:

**Gulf Crown EP 1** is a lithium thickened lubricating grease based on mineral oil and contains antioxidants, corrosion inhibitors and EP/AW additives.

**Gulf Crown EP 1** is a state-of-the-art multipurpose EP grease which can be used in various applications within given temperature limits.

**Gulf Crown EP 1** offers good mechanical stability, high load carrying capacity and good corrosion protection, making it suitable for heavily loaded bearings as well as wet environments.

**Gulf Crown EP 1** is a high quality multipurpose grease that can be used in both industrial and automotive applications and is suitable for a wide range of plain and rolling bearings.

<u>Property:</u>	<u>Test Method:</u>	<u>Typical Values:</u>
Colour	Visual	Yellowish-brown
NLGI Consistency ( <b>National Lubricating Grease Institute</b> )	ASTM D217	1
Approximate Density @ 20°C	IPPM-CS/03	930 kg/m <sup>3</sup>
Base Oil Viscosity @ 40°C	ISO 12058	200 mm <sup>2</sup> /s
Base Oil Viscosity @ 100°C	ISO 12058	15 mm <sup>2</sup> /s
Dropping Point	IP 396	>180°C
4-ball weld load	DIN 51350-4	2600 N
<u>Mechanical Stability:</u>		
Penetration 60 strokes	ISO 2137	310-340
Penetration 100.000 strokes	ISO 2137	+30
Shell Roll Stability 2 hrs/rt	ASTM D1831	+30
Shell Roll Stability 50 hrs @ 80°C	ASTM D1831mod	+80
<u>Corrosion Protection:</u>		
SKF Emscor distilled water	ISO 11007	0-0
SKF Emscor salt water	ISO 11007	1b
Copper Corrosion 24 hrs @ 100°C	ASTM D4048	
<u>Water Stability:</u>		
Water Resistance	DIN 51807-1	1-90
Water Washout after 1 hr @ 80°C	ISO 11009	10%
<u>Oil Separation:</u>		
Separation after 168 hrs @ 40°C	IP 121	10%
<u>Anti-wear properties:</u>		
4-ball wear scar 1 hr @ 400 N	DIN 51350-5	0.6 mm
<u>Oxidation Stability 100 hrs @ 100°C</u>	ASTM D942	30 kPa
<u>Temperature Range:</u> Continuous operation: -30°C to +120°C. Short period: max: +130°C		
<b>Classification: DIN 51502: KP1K-30, ISO 6743: ISO-L-XCCFB1</b>		
<b>Product nr: 5007</b>	<b>Date Issued: 26/07/2010</b>	<b>Supersedes: --/--/--</b>
		<b>Revision nr: --</b>