



Gulf Crown USG 2.5

Multi Purpose EP Water Resistant Grease

Product Description:

Gulf Crown USG 2.5 is a lithium-calcium thickened lubricating grease based on mineral base oil.

Gulf Crown USG 2.5 contains Extreme Pressure/ Anti-Wear additives, anti-oxidants and corrosion inhibitor and also contains polymer to enhance adhesion.

Gulf Crown USG 2.5 in marine applications outperforms traditional calcium and lithium greases with respect to water resistance, temperature range, mechanical stability and load carrying capacity.

Gulf Crown USG 2.5 has enhanced rust protection, excellent load carrying capacity, good oxidation stability and outstanding water resistance.

Gulf Crown USG 2.5 is used for the lubrication of rudders, steering quadrants and other bearings and gears on board of ship, including fish sorting machines, anchor winches and stern tubes. "One single grease for all lubricating points on board". **Gulf Crown USG 2.5** is also suitable for heavily loaded industrial applications where water wash out is problematic and for heavy-duty vehicles working outdoors in wet and dirty conditions.

<u>Property:</u>	<u>Test Method:</u>	<u>Typical Values:</u>
Colour	Visual	Brown
NLGI Consistency (National Lubricating Grease Institute)	ASTM D217	2.5
Approximate Density @ 20°C	IPPM-CS/03	920 kg/m ³
Base Oil Viscosity @ 40°C	ISO 12058	465 mm ² /s
Base Oil Viscosity @ 100°C	ISO 12058	27 mm ² /s
Dropping Point	IP 396	>180°C
4-ball weld load	DIN 51350-4	3200 N
<u>Mechanical Stability:</u>		
Penetration 60 strokes	ISO 2137	245-275
Penetration 100.000 strokes	ISO 2137	+40
<u>Corrosion Protection:</u>		
SKF Emcor WWO distilled water	ISO 11007mod	2-2
Copper Corrosion 24 hrs @ 100°C	ASTM D4048	1b
<u>Water Stability:</u>		
Water Resistance	DIN 51807-1	1-90
<u>Oil Separation:</u>		
Separation after 168 hrs @ 40°C	IP 121	3%
<u>Anti-wear properties:</u>		
4-ball wear scar 1 hr @ 400 N	DIN 51350-5	0.7 mm
<u>Flow Pressure @ 20°C</u>	IPPM-CS/03	<1600 hPa
<u>Temperature Range:</u> Continuous operation: -20°C to +120°C. Short period: max: +130°C		
<u>Classification:</u> DIN 51502: KP2.5K-20, ISO 6743: ISO-L-XBCHB2.5		
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