

Balmerol[®] Anticor SC

Anti - Corrosive Grease

Technical Data Sheet

Product Description:

Balmerol Anticor SC is a premium grade, high performance anti – corrosive grease made from solvent refined mineral oil with a thickener system comprising of a novel inorganic / organic complex and provides outstanding performance in severe applications. It outperforms other greases by a wide margin, particularly impressive is its ability to lubricate and protect equipment under conditions of high temperature, wet and humid environments, where corrosion resistance is a primary requirement.

Features & Benefits:

- Outstanding long term rust and corrosion protection in a tough salt – fog environment
- Superior oxidation resistance
- Resistant to very temperature degradation
- Very good acid scavenger over a wide duration
- Excellent water wash-out resistance
- Low reactivity with other components
- Highly adherent
- Good pumpability

Balmerol Anticor SC has excellent ability to resist oil separation even under high load and temperature.

Applications / Recommendations:

Balmerol Anticor SC is especially recommended for all heavy duty steel plant and engineering applications where resistance to high temperature, load, humidity, water and corrosion is critical. This grease is strongly recommended for high tensile steel in pre-stressing applications and is most suitable for exposure to severe conditions of water, like dams and underground equipments.

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Typical Properties:

Balmerol Anticor SC	
Properties	Anticor SC
Dropping Point °C, ASTM D 566	302
Oxidation Stability, MPa Drop, ASTM D 942	
a) After 100 hours	0.04
b) After 1000 hours	0.15
Corrosion Test	
a) Salt Pray Protection, hours, ASTM B 117	Passes 1000 hours
b) EMCOR Anti-Rust test, ASTM D 6138 / IP 220	0,0
Water Soluble Ions	
a) Chlorides,ppm , ASTM D 512	10
b) Nitrates,ppm , ASTM D 992	5
a) Sulphides,ppm , ASTM D 1255	8
Oil Separation Test, 7 days 40 °C, % wt loss, DIN 51817	3
Reverse Alkalinity, TBN mg KOH/g, ASTM D 4739	70

Health and Safety:

Balmerol Anticor SC grease is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. For MSDS please contact your local Balmer Lawrie Marketing / Technical Service team.

For Further Information, contact:

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