

TECHNICAL DATA SHEET

ANTI CORROSION GREASE- COGEL F 100

COGEL F 100 has been developed for application to ACSR (Aluminum Conductor Steel Reinforced) for protection from corrosion. F 100 is non melting product which has no phase & structural changes in broad temp. ranges. It could be used with normal pumping equipment at room temperature with out melting & reduce production time.

SALIENT FEATURES OF COGEL – F 100 :

- Non hazardous & non toxic
- Good structural stability in broad temperature.
- Excellent anti corrosion & lubricant properties
- Good compatibility with ACSR & OPGW components .

COMPATIBILITY:

COGEL- F 100 is compatible with most commonly used polymers, ACSR & OPGW components. Tests on all commonly used materials show no reaction but it is recommended that compatibility tests are made with all materials likely to come into contact with the gel.

HEALTH & SAFETY:

COGEL F 100 is quickly and easily removable by wiping. It is free from unpleasant odor and has no toxic and dermatic hazards.

S.NO.	PROPERTY	UNIT	TEST METHOD	VALUE
1	Appearance	--	Visual	Clear
2	Cone Penetration @ 25°C	dmm	ASTM D 217	Min. 260
3	Drop Point	°C	ASTM D 566	MIN. 280
4	Total Acid values	mg.KOH /gm	ASTM D974	Max 0.5
5	Oil Separation @ 100 °C/24 Hrs	%	FED 321.3	Max 1.0
6	Salt Spray Test @ 35°C/168 hrs	-	ASTM G 85	No corrosion
7	Loss on heat @105°C/ 24 hrs	%	ASTM D 972	Max. 0.5
8	Copper Corrosion @105°C/ 24 hrs	-	ASTM D 130	1A
9	Low Temperature Adhesion (-30°C/ 1 hrs)	-	ASTM D 746	No Crack
10	Handling	-	Non Toxic & Hazardous	Pass

PACKAGING:

The materials shall be packed in 180 kg M.S. barrels. The barrels will be properly sealed to ensure prevention of moisture ingress. on each barrel our name, grade, batch no., date of manufacture along with gross weight and net weight will be clearly mentioned.

GUARANTEE:

Each consignment supplied shall be accompanied by a material safety data sheet and a test Certificate certifying the conformity of the material to the purchasers material specification.

MFGB BY : CORAL PETRO PRODUCTS.

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