



Product Data

RUSTILO 431

Issue Number 2
12/07/2002

Rust Preventative Grease

DESCRIPTION

Castrol Rustilo 431 is a reversible protective grease.

APPLICATION

Castrol Rustilo 431 gives long term protection by hot dip application particularly where high resistance to creep at high temperatures is required. It is suitable for use in steel cored aluminium conductor cables which have a life span of approximately 20 years and subject to all weather conditions. Application can be achieved by immersing the components into Castrol Rustilo 431 at a temperature of 140°C or by cold smearing. We recommend a film thickness of 0.5mm be applied, up to a maximum of 5mm thick for ideal protection.

FEATURES

- ◆ Unique multimetal corrosion inhibition system
- ◆ Temperature resistant additives

● Protection

Indoors:	18 months
Outdoors:	where used to meet CEGB Std 993106 - approx 20 years
	Other Applications: 6 months

BENEFITS

- ◆ Extends conductor life
- ◆ Eliminates galvanic corrosion
- ◆ Stays in place in the cable
- ◆ Cable protection over wide temperature range

APPROVALS

Castrol Rustilo 431 has been given Category A approval by the Central Electricity Generating Board against their Standard 993106 (TPS 1/122) Line and Earth Conductors.



Product Data

RUSTILO 431

TYPICAL PHYSICAL CHARACTERISTICS

Film Characteristics	Soft greasy
Total Film Forming Content, %	100
Flash Point (PMCC), °C	205
Drop Point, °C (IP 31)	126 min
Unworked Penetration @ 25°C (IP 179)	105 - 140
Unworked Penetration @ 80°C (IP 179)	200 max
Coverage (typical), 0.5mm thick	2 sq. metres/litre
Film Thickness, mm	0.5
BS113 Sec 6 Classification	TP 3

- **Removal**

If necessary, Castrol Rustilo 431 can be removed using petroleum solvents, suitable alkaline cleaners, or vapour degreasants, also available from Castrol

- **Handling Precautions**

The wearing of impervious material aprons (PVC or other suitable material) rubber gloves and goggles is recommended. In case of Fire, foam, CO₂ or dry powder extinguishers should be used.

Health and Safety information sheets are available for all Castrol products from the address below:
Castrol (U.K.) Limited, Pipers Way, Swindon, Wiltshire SN3 1RE, England, Telephone:
Orders/Enquiries (08459)645111, Technical Enquiries (01793)452111, Fax (01793)491442

2 of 2

All reasonable care has been taken to ensure that the information contained in this publication is accurate as at the date of printing. It should be noted however that the information above may be affected by changes occurring subsequent to the date of printing in the blend formulation or methods of application of any of the products referred to or in the requirements of any specification approval relating to any such products.