

SafeCoat 66

Neat corrosion preventive oil with Vapour Phase Inhibitor

Description

Castrol SafeCoat™ 66 is an oil type protective containing a vapour-phase corrosion inhibitor (VCI).

Application

SafeCoat 66 has been specifically designed for simultaneously cleaning and protecting ball and roller bearings. It is also suitable for the protection of all types of delicate or highly finished engineering products, particularly those, which contain moving parts and cannot be protected with greasy film coatings. The product can be applied by immersion in a suitably designed treatment tank, which should be covered when not in use. It can also be applied by spray.

Advantages

- Free of solvent, complies with EC Solvent Directive (1999/13/EC)
- Free of heavy metals, such as Barium
- Additional rust prevention through Vapour-corrosion-inhibitor. The maximum protection is achieved in hermetically sealed packs (safe pack).
- Contains no additives which inhibit the even distribution of oil and grease (e.g. silicone)
- The protective film does not harden even long after the product has been applied
- Compatible with mineral oil and greases
- Shows very good filtering properties

Typical Characteristics

	Test Method	Unit	Value
Appearance	Visual	-	Clear, brown liquid
Density @ 15 °C	ASTM D 1298	kg/m ³	885 - 920
Kinematic Viscosity @ 40 °C	ASTM D 445	mm ² /s (cSt)	11 - 16
Film Type	-	-	Thin, oily
Film Thickness	-	µm	approx. 2
Corrosion Protection	Indoor Storage (sealed pack)	Years	Up to 5
	Indoor Storage	Month	12
Flash Point, PMCC	ASTM D 93	°C	>130

Additional Information

- The claims on film thickness and consumption are average values. These are valid for smooth surfaces with good drain-off characteristics and simple geometries without holes or recesses.
- "Indoor storage" describes the storage of ferrous components in closed store-rooms having a relative humidity of 60%. Increased protection times could be achieved when treating finished surfaces or store the parts in a sealed pack.
- Influence of temperature may cause some cloudiness, which is reversible and doesn't have an impact on product quality.
- If required protective films of SafeCoat 66 can easily be removed by using a petroleum solvent or alkaline process cleaner, all available from Castrol.

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