

Castrol Corrosion Inhibitor S 206

Corrosion Inhibitor for water based metalworking fluid

Description

Castrol Corrosion Inhibitor S 206 is a highly effective low foaming water soluble corrosion inhibitor and can be used in single sump machines as well as central systems.

Application

Castrol inhibitor S 206 can be used in all water based metalworking fluids including solubles, synthetics, industrial cleaners and deformation products, in the protection of pipelines and water tanks be used in pressurized water tests. Also the Castrol inhibitor S 206 is also used as a corrosion protection additive for passivation in the aqueous parts cleaning.

Castrol Corrosion Inhibitor S 206 should only be used upon recommendation of Castrol's Service Representative. Addition between 0,02 - 0,1% is recommended depending on corrosion level.

Conditions of Use

The dosage depends on the application:

Aqueous circulation systems: 0.2 - 0.6% in dispensing steps of 0.20%

For part-passivation: 0.5 - 1.0% in dispensing steps of 0.25%

Temperature range: RT to 70 ° C

Material compatibility			
steel	cast iron	aluminium	none ferrous metal
+	+	+	+

Systems equipment			
dip	spraying	ultrasonic	IFW
+	+	o	+

Advantages

- No foam at recommended concentrations.
- After draining the solution, protects the remaining film, the inner wall of the pipes and water tanks from corrosion, the film is completely into water back-soluble.
- Drained solution can still be used.
- With water miscible.
- Mild odor.

Typical Characteristics

Data	Test Method	Unit	Value
Appearance	Visual	--	clear, amber liquid
Mineral oil content	Calculated	Wt%	0
Density @20° C	DIN 51757	kg/m ³	1042
pH (2%)	DIN 51369	--	7,6

Storage

To avoid product deterioration, keep the container/drum tightly sealed always. Prevent any frost and water ingress.

Store it in a cool and dry place away from direct sunlight. It is preferable to store the product indoors always.

For more details, please refer the product safety data sheet.

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