



SHANGHAI PING YIAO TRADING CO.,LTD.

Tel: 86-21-64705533

Fax: 86-21-64820538

24H: 86-15900706965

Website: www.pingyiao.com

E-mail: info@pingyiao.com

Corrosion Inhibiting Oil

RIVOLTA K.S.P. is a synthetic corrosion inhibiting oil, which is easy to handle, with high efficient corrosion inhibiting additives and solvents. K.S.P. is economical and can be used for many applications. Our product is based on pure synthetic oils, additives and solvents, which guarantee a long lasting corrosion protecting film on the metallic surfaces. The product is free of halogenated hydrocarbons, aromatics and carcinogenic compounds.

The property

- **safe corrosion protection**

- **excellent material compatibility**

- **high economy**

- **free of silicone**

- **High industrial safety**

will give the following benefits

- K.S.P is characterised by a high capillary activity. By creeping RIVOLTA K.S.P. forms a thin, molecular film, about 1 μm thick which creeps in holes, gaps and pores. K.S.P. guarantees a corrosion protecting film on all metallic surfaces. It is also suitable as a dewatering-fluid.
 - K.S.P. is free of acids and resins. Therefore and because of the pure ingredients K.S.P. is compatible with metals and materials which are stable in contact with solvents, e.g. paints, plastics and elastomers.
 - The high capillary activity causes a high economical use. 1 litre K.S.P. guarantees to wet a metal surface of about 170 m^2 , even if the surface is rough.
 - Because of the thin molecular film in most cases it is not necessary to remove K.S.P. from the surface.
 - K.S.P is free of silicone and components containing silicone.
 - K.S.P. stands for a maximum of personal protection. The appropriate use of K.S.P. does not create any risks for the workers' health. K.S.P. can also be used in the food industry according to German regulations.
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RIVOLTA K.S.P.
the effective rust and corrosion protector



Corrosion Inhibiting Oil

highly efficient and fully synthetic corrosion inhibiting oil; free of silicone			Odour: mild
Colour: amber			
Technical data	Unit of measurement	Norm	K.S.P.
Density	g/ml	DIN 51757	0.80
Viscosity at 20°C	mm ² /s	DIN 51562	4.1
Viscosity at 40°C	mm ² /s	DIN 51562	1.2
Flash point	°C	DIN EN ISO 2719	63 stable
Corrosion prevention time*	months		
	12	indoor storing	
	6	outdoor storing under roof	

*K.S.P. was examined by intensive tests according to DIN EN ISO 6270-2 condensation-water test and DIN EN ISO 9227 salt-fog test. The corrosion preventing time is the result of the laboratory tests and additional field tests.

Applications

- to conserve all kinds of machines in case of shipping and transportation
- to conserve diecasting moulds, press tools, punching tools in the metal and plastic-industry
- to protect all kinds of rolls of printing or sheeting machines
- to conserve gears, couplers, shafts, gear boxes etc.
- to protect all kinds of tools, precision instruments and precise mechanical apparatuses
- to conserve half-finished goods
- to protect the surface of stainless steel against finger marks and water spots
- to dewater mechanical items after washing processes
- to conserve electro motors, elektro appliance
- to conserve contact rails, collectors in the galvanic industry

Processing

RIVOLTA K.S.P. can be applied by brushing, spray cans or other spraying devices. It is also possible to conserve the items by immersion.

Removal

In most cases it is not necessary to remove RIVOLTA K.S.P. If it is necessary, that the protected items have to be cleaned, K.S.P. can be removed with waterbased cleaning products (for example B.W.R. 210) or solvent cleaners (M.T.X.-products).

This text contains facts and statements and is determined with our best knowledge and will be checked continuously. These statements are depending - among other reasons - on experiences gained in the industry. We only pass them on without liability. Before using our products you should test the applicability and you should convince yourself about the satisfactory performance. Our application examples and suggestions should not request to violate patent rights.