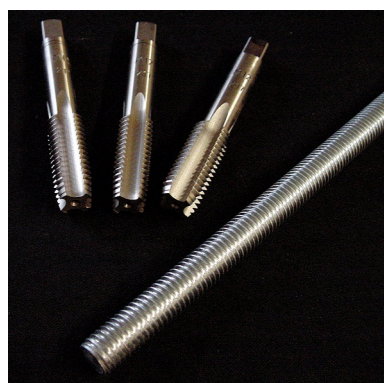




Special cutting-oil, chlorine free



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

RIVOLTA S.K.S. 48 is a fully synthetic special cutting-oil for most difficult machining operations. To a fully synthetic base oil we added extreme pressure-additives and anti-wear agents which increase the compressive strength of the oil and which improve the surface properties of the machined workpieces. Therewith one can even machine economically high-alloy steel in most difficult cutting processes. Long tool lifes and an optimum quality of the workpieces are the result of the application of S.K.S. 48.

The property ...

- **minimal friction and wear**
- **extremely low evaporation capacity,
low formation of residues**
- **treats material with care,
very good compatibility
with nonferrous metals**
- **chlorine free**
- **physiologically harmless**

will give the following benefits

- low tool wear, long tool life, an optimum quality of the workpieces; built-up edges are prevented, high cutting speeds are rendered possible
- economical in use, no annoyances by oil mist. The workpieces remain clean (no carbonizations, no gummy deposits)
- also suitable for the machining of nonferrous metals
- simple, low-priced disposal, a contamination of the residual oil and thus very high costs of disposal are avoided
- S.K.S. 48 can also be used in the food industry according to German regulations. This proves the high purity of our product and guarantees maximal industrial safety

RIVOLTA S.K.S. 48
A special cutting-oil for most difficult machining operations



**Special cutting-oil,
chlorine free**

A fully synthetic cutting-oil with special additives to improve the cutting performance and the corrosion protection			
Colour: amber		Odour: mild	
Technical data	Unit of measurement	Norm	S.K.S. 48
Density	g/ml	DIN 51757	0,86
Viscosity at 20° C	mm ² /s	DIN 51562	125
Viscosity at 40° C	mm ² /s	DIN 51562	50
Flashpoint	°C	DIN EN ISO 2592	> 180
Corrosion effect on copper	corr.-grade	DIN EN ISO 2160	1-100 A3
Pourpoint	°C	DIN ISO 3016	< - 40
Evaporation loss 200° C	% by weight	DIN 51581	< 1% < 2,5%
1 h			
6 h			
Thread-cutting test	Nm N	- -	17 420
Schatz-testing bench			
M10; X 15 CrNiSi 2520			
Cutting speed counter 100/min			

Applications

As oil for the machining of metals for most difficult cutting processes at high-alloy steel, stainless steel, nickel chrome steel, manganese carbon steel. Also suitable for case hardening steel and free-cutting steel.

Applicable for:

- tapping
- drilling
- reaming, countersinking, keyway cutting

Processing

Apply Rivolta S.K.S. 48 to the friction point out of spray cans or as bulk ware. Rivolta S.K.S. 48 is also available in the 250 ml wash bottle which is very easy to process.

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.