

Description

High Precision Cutting Oil

WS 1422 S is a semi-synthetic lubricant specially designed for direct use in demanding metallurgical applications. Formulated with synthetic and natural bases. High content of extreme pressure and anti-corrosive additives. Has high polarity on metal surfaces. Chlorine-free, suitable for all types of metals except yellow metals (copper, brass and bronze).

Features

- Extends the life of dies, punches and all types of tools.
- Solves problems of scratches, seizing and chipping.
- Excellent anti-corrosive power on treated parts.
- Compatible with welding processes without prior degreasing.
- Does not form lacquers or varnishes on processed parts.
- Excellent degreasing with alkaline aqueous systems if necessary.
- Chlorine-free.
- Formula with controlled light foam so that it does not drip vertically.
- Provides an excellent finish on treated surfaces.

Applications

- Precision stamping.
- Fine cutting.
- Medium-high severity deep drawing.
- Bending of stainless steel struts and hinges.
- Carbon steels and high-alloy steels, as well as stainless steels.
- Punching, die cutting, threading, cutting.

How to use

- Shake well before use.
- Apply precisely to the area to be treated.
- Use the cannula for high-precision applications.
- If removal is necessary, use **WS 3015 S**.

Technical Data (Without Propellant)

Property	Unit	Typical Value	Standard
Reference	----	WS 1422 S	----
Appearance	----	Liquid	----
Colour	----	Light red	----
Odor	----	Characteristic	----
Kinematic viscosity at 40°C	cSt	100	ASTM D-445
Flash point	°C	>200	ASTM D-92
4 balls test	Kg	>900	ASTM D-2783
Copper corrosion, 3h at 100°C	----	2C	ASTM D-130