

Hyspray V 1084

Premium ester based spray mist neat cutting oil

Description

Hyspray V 1084 is a premium chlorine and heavy metal free spray mist neat cutting fluid, based on advanced biodegradable natural ester technology.

Application

Hyspray V 1084 has been designed for spray mist applications on two channel system.

Hyspray V 1084 can be used for sawing, turning, milling, drilling and threading operations on aluminium, ferrous and steel alloys. Hyspray V 1084 contains active sulphur and is not compatible with yellow metals.

ü ü suggested core application ü possible application, please consult Castrol representative prior to use

	Cast Iron	Low-medium alloyed steel	High alloyed steel / nickel-chromium alloys	Titanium alloys	Aluminium alloys	Yellow metals
Miling	ü	ü ü	ü ü	ü	ü	
Turning	ü	ü ü	ü ü	ü	ü	
Drilling	ü	ü ü	ü ü	ü	ü	
Threading	ü	ü ü	ü ü	ü	ü	
Reaming	ü	ü ü	ü ü	ü	ü	
Sawing	ü	ü ü	ü ü	ü	ü	

Hyspray V 1084 should be used in combination with appropriate spray mist application equipment

Advantages

- Good sprayability
- Excellent lubrication properties extend tool life and enable high surface finish and dimensional accuracy
- Our chlorine, mineral oil and heavy metal free formulation, based on advanced biodegradable natural ester technology improves the environmental profile
- High flashpoint and low evaporation improves the work environment
- Multi-metal machining using our superior additive technology provides opportunity for product consolidation

Typical Characteristics

Name	Test Method	Unit	Hyspray V 1084
Appearance	Visual		Yellow - orange
Kinematic Viscosity @ 40°C / 104°F	ASTM D445 / ISO 3104	mm ² /s	36
Flash Point - open cup method	ASTM D92 / ISO 2592	°C/°F	202 / 395
Copper corrosion (3 hrs@100°C/212°F)	ASTM D130 / ISO 2160	Rating	4c

Additional Information

	Ester	Active Sulphur	Inactive Sulphur	Phosphorous	Calcium	Chlorine	Zinc
Additives	ü	ü	ü	ü			

Storage

To avoid product deterioration always keep the container/drum tightly sealed. Store the product in a cool, dry place away from direct sunlight. Prevent exposure to frost and avoid water ingress. For optimum product stability, it is preferable to store the product indoors between 5°C and 45 °C / 41°F and 113°F.

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

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