

Castrol 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.

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

✓: indicating increasing suitability

-: not suitable

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

Properties	Standard	Unit	Data
Appearance	Visual	Visual	Yellow-Orange
Viscosity @ 40°C	DIN 51562	mm ² /s	36
Viscosity@ 100°F	ASTM D 446	SUS	167
Flashpoint COC	ISO 2592	°C	189
	ASTM D 92	°F	395
Copper corrosion	ISO 2160	3 hr at 100°C	4c
	ASTM D 130		

	ester	active sulphur	inactive sulphur	phosphorous	calcium	chlorine	zinc
Additives	+	+	+	+	-	-	-

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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