

Castrol Hyspray V 1066

Premium ester based spray mist neat cutting oil

Description

Hyspray V 1066 is a premium chlorine and heavy metal free spray mist neat cutting fluid, based on advanced biodegradable natural ester technology.

Application

Hyspray V 1066 has been designed for spray mist applications on two channel system.

Hyspray V 1066 can be used for sawing, turning, drilling, milling and threading operations on aluminium, ferrous, non-ferrous and steel alloys.

	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

Hyspray V 1066 should be used in combination with appropriate spray mist application equipment.

Advantages

- Excellent 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, low odour, low evaporation and light colour 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
Viscosity @ 40°C	DIN 51562	mm ² /s	35
Viscosity@ 100°F	ASTM D 446	SUS	175
Flashpoint COC	ISO 2592	°C	226
	ASTM D 92	°F	435
Copper corrosion	ISO 2160	3 hr at 100°C	1b
	ASTM D 130		

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