

Castrol Hyspray A 1536

Premium fatty alcohol based spray mist neat cutting oil

Description

Hyspray A 1536 is a premium chlorine and heavy metal free spray mist neat cutting fluid, based on selected advanced biodegradable fatty alcohol technology.

Application

Hyspray A 1536 has been designed for spray mist applications on one and two channel system.

Hyspray A 1536 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 A 1536 should be used in combination with spray mist application equipment.

Advantages

- Excellent sprayability offers the opportunity to use the product also in one channel spray system.
- 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 fatty alcohol 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
- Excellent evaporation lead to dry and clean machined parts and improve cooling properties

Typical Characteristics

Properties	Standard	Unit	Data
Appearance	Visual	Visual	Pale Colourless
Viscosity @ 40°C	DIN 51562	mm ² /s	28
Viscosity@ 100°F	ASTM D 446	SUS	148
Flashpoint COC	ISO 2592	°C	194
	ASTM D 92	°F	380
Copper corrosion	ISO 2160	3 hr at 100°C	1a
	ASTM D 130		

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