



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.

Hyspray V 1084
18 Dec 2014
Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol Industrial, Technology Centre , Whitchurch Hill , Pangbourne , Reading , RG8 7QR , United Kingdom

www.castrol.com/industrial