



BP Syncurat

Synthetic Lubricant for Machine Tools

Description; Description

Synthetic machine tool lubricant formulated to be compatible with water-based machining fluids thus avoiding the problems of 'tramp oil' build-up.

Applications; Applications

BP Syncurat 68 is a product which has been formulated to meet the specific requirements for a horizontal slideway oil. It can be recommended for the lubrication of all types of guideways, both linear and rotational.

Syncurat 68 is also suitable as a general machine lubricating oil for:

- the table-elevating slideways, leadscrew and nut systems, oil-lubricated milling heads, gears and feed mechanisms as well as bearing and chain drive applications.

To ensure best results the lubricant dispensing reservoir should be drained and thoroughly cleaned prior to use.

Main Benefits; Main Benefits

- No 'tramp' oil is generated when BP Syncurat interacts with the cutting fluid, meaning optimum coolant/cutting fluid performance can be achieved

- Excellent lubrication performance

Storage; Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration
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of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.; of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

Health, Safety and Environment; Health, Safety and Environment

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures, together with environmental effects and disposal of used products.; Health, safety and environmental information is provided for this product in the

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Typical Characteristics; Typical Characteristics

| | Test Methods; Test Methods | Units; Units | Grade ; Grade : |
|----------------------------|----------------------------|--------------------|-------------------------|
| | | | 68 |
| Appearance | | | Pale-yellow, oily fluid |
| Density at 15 °C | ISO 3675, ASTM D1298 | kg/m ³ | 1046 |
| Kinematic Viscosity @ 40°C | ISO 3105, ASTM D445 | mm ² /s | 68 |
| Flash point (PMC) | ISO 2795, ASTM D93 | °C | 98 |
| Pour Point | ISO3016, ASTM D97 | °C | -42 |
| Solubility in water | | g/l | miscible |

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

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