

Industrial
Lubricants



Automotive
Lubricants



Biodegradable
Lubricants



Agricultural
Lubricants



Cleaning &
Maintenance



Greases &
Pastes



Foodsafe
Lubricants



Heritage Oils



Lubrication
Equipment



Metalworking
Fluids



Metacut SM

Low Viscosity High Performance Neat Cutting Oil
Product Code: AG3

Product Description

Pennine Metacut SM is a high performance, extreme pressure, low odour multipurpose neat cutting oil primarily designed for use in modern high speed sliding head CNC lathes where a low viscosity product is specified or desirable. Manufactured from highly refined virgin mineral oil, the product incorporates the very latest non-staining extreme pressure additives, lubricity agents, antioxidant and anti-mist additives making the product suitable for the rigorous demands of modern machining techniques on a wide variety of materials.

Applications

Metacut SM is suitable for a wide range of machining operations on high tensile steels, stainless steel, aluminium and its alloys and yellow metals. The light colour and anti-misting properties offer the user excellent work piece visibility along with an improved working environment and the anti-oxidant package eliminates sticky residues and lacquers forming even when employed under 24 hour "lights out" operations.

The low viscosity characteristics of Metacut SM ensures excellent oil penetration and reduces oil drag out on machined components and swarf leading to reduced consumption and lowering overall costs.

Features & Benefits

- | | | |
|--------------------------------------|---|---------------------------------|
| • Pale coloured | ~ | Excellent work piece visibility |
| • Extreme pressure performance | ~ | Promotes improved tool life |
| • Low viscosity | ~ | Reduced consumption |
| • Highly effective anti-mist package | ~ | Improved working environment |
| • Outstanding oxidation resistance | ~ | Eliminates lacquers & residues |
| • Low odour | ~ | Improved operator acceptability |



Certificate Number: 9480
ISO 9001

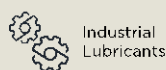


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Typical Test Data

Density @ 15°C	0.87
K.V. @ 40°C (cSt)	12
Flash Point (°C)	170

Availability

Pennine Metacut SM is available in bulk, 1000 litre IBC's, 205 litre barrels and 25 litre drums.

Storage

Barrels of lubricant should always be stored in such a way that will prevent the ingress of water when stored in the open.

Health & Safety

Please refer to the relevant Health and Safety Data Sheet, a copy of which is freely available to all our customers.

Data represented is typical of that obtained with normal production tolerances and does not constitute a specification. The policy of Pennine Lubricants is one of continual improvement; we therefore reserve the right to change specifications without notice.



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