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## Metacut FD

Low Viscosity Chlorine Free Deep Hole Boring Oil  
Product Code: AFU

### Product Description

Pennine Metacut FD is a high performance, low viscosity, chlorine free neat cutting oil based on highly refined mineral oil incorporating proven performance enhancing extreme pressure additives along with complex high performance lubricity improvers and sulphur containing esters.

### Applications

The high performance potential of Metacut FD allows difficult materials to be machined. It is primarily used in deep hole boring and drilling of difficult to machine steels and alloys although other demanding machining techniques may be employed where a high performance fluid of its type are required. The low viscosity and complex additive package of Metacut FD ensures excellent oil penetration, swarf flushing and cooling and keeps oil losses through drag out to a minimum.

### Typical Test Data

|                    |       |
|--------------------|-------|
| Density @ 15°C     | 0.864 |
| K. V. @ 40°C (cSt) | 14    |
| Flash Point (°C)   | > 160 |
| Appearance         | Straw |

### Availability

Pennine Metacut FD is available in bulk, 1000L 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.



Certificate Number: 9480  
ISO 9001



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