

Product Data Sheet

Vacmul A6U Premium Flute and Thread Grinding Oil

Product Description

Vacmul A6U is a light coloured premium quality form grinding oil. It is blended from a unique combination of wetting agents and extreme pressure additives to reduce the common problems of burning in machined flutes and on the run out, whilst maintaining a free, clean grinding wheel.

Benefits

Vacmul A6U offers the following benefits:

- Excellent metal wetting ability reduces burning and ensures clean wheels
- Optimum viscosity for heat removal and lubrication
- Extreme pressure additives to improve finish and machining efficiency
- Reduction in thermal damage to machined components
- Elimination of sticky residues on wheels and slides
- Reduced production costs
- Multipurpose application as both grinding fluid and hydraulics lubricant

Application

Vacmul A6U is recommended for use in all high speed and high pressure (100 p.s.i.+) grinding operations for the production of fluted tools including drills, taps and end mills.

Vacmul A6U can also be used for light to medium duty turning and forming operations on multipurpose and N.C. machines and in low pressure machine hydraulic systems.

Note

An additive concentrate, Concentrate A6U, for system top up to replace additives depleted in service is available.

Health and Safety

Based on available toxicological information, it has been determined that this product poses no significant health risk when used and handled properly.

Details on handling, as well as health and safety information, can be found in the Material Safety Data Bulletin which can be obtained through Mobil Oil Company Ltd., by telephoning 01372 22 2000.

Typical physical characteristics are given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications.

Typical Characteristics

Vacmul A6U	
Relative Density, 15/4 °C	0.88
Viscosity, cSt at 40°C	23.0 - 26.5
Colour, ASTM D1500, max.	7.0
Copper Strip Corrosion, 3 hrs at 100°C, IP 154	1B max.

Due to continual product research and development, the information contained herein is subject to change without notice.

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