

Balmerol[®] Protocut 332

High Performance Neat Cutting Oil

Technical Data Sheet

Product Description:

Balmerol Protocut 332 is a low-misting neat cutting oil, based on a high grade fraction of mineral oil which contains specially selected EP and lubricity additives.

Features & Benefits:

Balmerol Protocut 332 provides the following benefits:

- The use of a special polymeric antimist agent makes Balmerol Protocut 332 low misting
- Synergistic combination of extreme pressure additives offer enhanced tool life
- Effective lubricity additives impart excellent surface finish
- Good wetting, heat transfer and flushing properties of the oil lead to consistent performance over a prolonged period of use

Applications / Recommendations:

- For machining on Aluminium, high alloy steels, and stainless steel.
- Suitable for extremely difficult machining processes on constructional, case hardened and tempered steels such as Gear Hobbing, Turning and Milling and for high performance machining centers.

Typical Properties:

Balmerol Protocut 332	
Properties	Protocut 332
Colour & Appearance	Dark Brown Clear Liquid
Density @ 29.5°C, gm/ml, ASTM D 1298	0.90 ± 0.03
Kinematic Viscosity @ 40°C, cSt, ASTM D 445	35 ± 5
Flash Point, °C, min, ASTM D 92	160
Copper Strip corrosion@ 100° C, 3 hrs, ASTM D 130	4

Health and Safety:

Balmerol Protocut 332 oil is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. For MSDS please contact your local Balmer Lawrie Marketing / Technical Service team.

For Further Information, contact:

Balmer Lawrie & Co. Ltd.
SBU: Greases & Lubricants (G&L) Division
P- 43, Hide Road Extension
Kolkata: 700088
www.balmerlawrie.com