

Balmerol[®] Protocut 332 NS

Sulphur Free Neat Cutting Oil

Technical Data Sheet

Product Description:

Balmerol Protocut 332 NS 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 NS provides the following benefits:

- Less mist, compared to conventional oils. This leads to better workshop atmosphere with respect hygiene and house keeping
- Sulphur free additives
- Optimised ratio of lubricity and EP additives helps to achieve excellent surface finish

Applications / Recommendations:

- Balmerol Protocut 332 NS is a high performance oil designed for medium to severe machining operations and applicable for wide variety of job materials. Gear cutting, hobbing and thread cutting and thread forming.

Typical Properties:

Balmerol Protocut 332 NS	
Properties	Protocut 332 NS
Colour & Appearance	Dark Brown Clear Liquid
Density @ 29.5°C, gm/ml, ASTM D 1298	0.99 ± 0.1
Kinematic Viscosity @ 40°C, cSt, ASTM D 445	32 ± 3
Flash Point, °C, min, ASTM D 92	180
Copper Strip corrosion@ 100° C, 3 hrs, ASTM D 130	1b
Neutralisation Value, mg KOH/g, max, ASTM D 974	2

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:

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