

Balmerol[®] Protoneum 100

Pneumatic Tool Oil

Technical Data Sheet

Product Description:

Balmerol Protoneum 100 is blended from refined mineral base stock fortified with anti-wear, anti-rust, tackiness & EP additives. It has excellent load carrying and rust preventive properties.

Features & Benefits:

Balmerol Protoneum 100 provides the following benefits:

- Excellent anti-wear properties
- Very Good rust & corrosion protection
- It ensures equipment protection at extreme temperatures by providing sufficient oil film
- High load carrying characteristics

Applications / Recommendations:

- Balmerol Protoneum 100 is used for lubrication of roll drill, jack hammer, wagon drills etc.
- It can be used for grinders, drills, machine tools, tapers etc.

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Typical Properties:

Balmerol Protoneum 100	
Properties	Protoneum 100
Colour & Appearance	Clear & Bright
Density @ 30°C, gm/cc, ASTM D 1298	0.879
Viscosity, ASTM D 445, cst @ 40°C	100
Flash Point, °C, ASTM D 92	242
Pour Point, °C, ASTM D 97	-9
Copper Strip corrosion@ 100° C, 3 hrs, ASTM D 130	1a
Timken OK load, lbs, ASTM D 2782	50
Four Ball Wear test (1hr @ 30 Kg) MWSD, mm, ASTM D 2266	0.31

Health and Safety:

Balmerol Protoneum 100 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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