

Balmerol® Protohon 15 C

High Performance Honing and Cutting Oil

Technical Data Sheet

Product Description:

Balmerol Protohon 15 C is based on low viscosity, highly refined mineral oil, fortified with polar compounds & special additives. Balmerol Protohon 15 C has good heat transfer property to cool effectively under high speed conditions. Balmerol Protohon 15 C is compatible with all metals like Steel, Cast Iron and Aluminium.

Features & Benefits:

Balmerol Protohon 15 C provides the following benefits:

- Very stable formulation provides long operational tool life with consistent performance
- Protects machine and tool surfaces and improves surface finish
- Fast wetting, to get the fluid to the point of cut and fully coat the work piece and chips for superior corrosion prevention
- It has good cooling effect
- It has good filterability
- Rationalized product for honing, grinding and cutting
- Low misting
- Operator and Environment friendly product

Applications / Recommendations:

- Balmerol Protohon 15 C is recommended for Honing, Lapping and cutting applications for Ferrous and non-Ferrous materials
- It is also recommended for carbide grinding application

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Typical Properties:

Balmerol Protohon 15 C	
Properties	Protohon 15 C
Appearance	Clear Liquid
Density @ 29.5°C, gm/ml, ASTM D 1298	0.84 ± 0.01
Kinematic Viscosity @ 40°C, cSt, ASTM D 445	5.5 ± 1
Flash Point (COC), °C, min, ASTM D 92	120
Copper Strip corrosion@ 100° C, 3 hrs, ASTM D 130	1a
Neutralisation No, max, mgKOH/gm, ASTM D 974	2

Health and Safety:

Balmerol Protohon 15C 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