

Balmerol[®] Synth Moldol 80

Semi Synthetic Mould Release Oil

Technical Data Sheet

Product Description:

Balmerol Synth Moldol 80, is an ideal semi-synthetic mould release lubricating oil. The product is designed for lubrication of mould during continuous or batch wise casting of ferrous and non – ferrous billets. Balmerol Synth Moldol 80 has boundary lubrication property because of its inherent chemical structure which enhances life of the mould and it's efficiency.

Features & Benefits:

Balmerol Synth Moldol 80 provides the following benefits:

- Excellent boundary lubrication property
- Consistent quality
- No seasonal effect
- Not dependent on crop

Applications / Recommendations:

- The product can be applied by dripping or brushing.

Storage:

- Balmerol Synth Moldol 80 will be in liquid state under enclosed air tight container when the temperature is maintained below 30⁰ C

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Typical Properties:

Balmerol Synth Moldol 80	
Properties	Synth Moldol 80
Colour, ASTM D1500, max	1
Density @ 30° C, gm/ml, ASTM D 1298	0.867 - .890
Kinematic Viscosity, cst @ 40°C, ASTM D 445	80 - 90
Viscosity Index, minimum, ASTM D 2270	160
Flash Point, °C, minimum, IP 35/45	260
Pour Point, °C minimum, ASTM D 97	- 15
Saponification value, mg KOH/gm, ASTM D5558-95 (2011)	30 -50
Iodine number (gm/100gm of oil), min, IP 84/33	20
Water Content, max, IP 74/57	0.02%
Free Fatty Acid (max.)	0.50%

Health and Safety:

Balmerol Synth Moldol 80 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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