

Balmerol® Steerol 40

High Performance Mineral Oil Based Rolling Oil

Technical Data Sheet

Product Description:

Balmerol Steerol 40 is a high performance mineral oil based rolling oil, recommended for rolling of Stainless Steel. It is a synergistic blend of especially distilled, low viscosity mineral oil, anti-oxidant, extreme pressure, anti-wear additives to provide desired film strength and to ensure high productivity in rolling.

Features & Benefits:

Balmerol Steerol 40 provides the following benefits:

- Good EP/AW properties (lubricity)
- Enhanced tool life
- Energy efficient
- Good cooling property
- More productivity

Applications / Recommendations:

Rolling oil recommended for Stainless Steel.

Storage:

One year from the date of manufacture, if it stored under shed and temperature below 35°C in sealed condition.

Typical Properties:

Balmerol Steerol 40	
Properties	Steerol 40
Colour & Appearance	Light Brown Liquid
Kinematic Viscosity cst @ 40°C, ASTM D 445	20 - 30
Specific Gravity @ 30°C, ASTM D 1298	0.86 - 0.88
Saponification Value, mg KOH/g	6
Lubrication Properties	
a) Co-efficient of Friction, SRV Test rig, ASTM D 6425	0.065- 0.085
b) Wear Scar Diameter, Four Ball test rig, mm, ASTM D2266	0.65 - 0.90

Health and Safety:

Balmerol Steerol 40 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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