

Balmerol® Aquaroll HR80

High Performance Hot Rolling Fully-Synthetic Oil

Technical Data Sheet

Product Description:

Balmerol Aquaroll HR80 is a fully synthetic agro based biodegradable oil for hot rolling application and is formulated with specially designed synthetic esters, mild extreme pressure additives, anti-oxidants. The oil is used as plating oil for roll surface during rolling of steel slab on hot mill. It is applied by mixing it with cooling water and this mixture is targeted at hot strip mill rollers utilising a special application system. The oil can be applied as full width lubrication or for edge rolling.

Features & Benefits:

Balmerol Aquaroll HR80 is especially formulated to provide following benefits:

- Reduced roll wear
- Increased roll grinding intervals
- Reduced power consumption
- Reduced fleck (rolled-in) scale
- Low odour
- Improved productivity
- Suitable for strip and edge lubrication
- Free from mineral oil and halogens
- Compatible with industrial water system
- Eco-friendly

Applications / Recommendations:

Balmerol Aquaroll HR80 can be applied by a special application system using water or air as the carrier medium. It should be stored in dry conditions ideally in the range of 30°C.

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Typical Properties:

Balmerol Aquaroll HR80	
Properties	Aquaroll HR80
Colour & Appearance	Dark Amber liquid
Base Oil Type	Synthetic
Kinematic Viscosity cst @ 40°C	45 -55
Specific Gravity @ 27°C	0.925
Acid Value, mg KOH/g, max	5 - 10
Saponification Value, mg KOH/g	160 - 180
Flash Point, °C	> 200

Health and Safety:

Balmerol Aquaroll HR80 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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