

Balmerol® Aquaroll T 52 MSR

High Performance, Semi-Synthetic Cold Rolling Oil

Technical Data Sheet

Product Description:

Balmerol Aquaroll T 52 MSR meets the exact requirements of Cold Rolling Oils for 5 / 6 Stand Tandem Cold Rolling Mills (CRM). It is a semi-synthetic, dispersion type cold rolling oil, tailor made to suit the direct coolant application system of 5 / 6 Stand Tandem CRM. It is formulated to provide desired lubricity / load bearing for thin gauge & high speed rolling and also provide resistance to oxidation and microbial contamination. The formulation package is designed to provide good gauge reduction, enhanced roll life, reduced scum generation, good strip finish through its inherent detergency and total burn-off characteristics. Its unique dispersion nature will ensure good recovery in the regeneration / recuperation line of the coolant system.

Typical Properties:

Balmerol Aquaroll T 52 MSR	
Properties	Aquaroll T 52 MSR
Colour & Appearance	Amber Liquid
Kinematic Viscosity cst @ 40°C	42 -52
Specific Gravity @ 30°C	0.900 - 0.920
Acid Value, mg KOH/g, max	15
Saponification Value, mg KOH/g	180 - 210
pH, 5% Emulsion In DM Water	4.5 - 5.5
Emulsion stability	Meta Stable
Flash Point, COC, ASTM D92, °C minimum	180

Health and Safety:

Balmerol Aquaroll T 52 MSR 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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