



## Castrol Lubricity Additive S 519

Lubricity Enhancer for Water based Metalworking Fluid

### Description

Castrol Lubricity Additive™ S 519 is a water soluble lubricity enhancer especially formulated for synthetic cold rolling fluids. When used, the additive increases lubrication properties during machining/rolling with coolants and deformation products. It can be used in single sump machines as well as central systems.

### Application

Castrol Lubricity Additive S 519 is especially formulated for use with Castrol's Iloform RS 5000 series of synthetic cold rolling fluid range. Besides enhancing lubricity, this additive also helps boost pH of a water based system, and improves system cleanliness as well as corrosion protection.

### Typical Characteristics

Name	Method	Units	Lubricity Additive S 519
Appearance	Visual	-	Bright and Clear
Density at 15	ASTM 4052	g/ml	1.060
pH (1%)	ASTM D1293	-	8.8-9.3

### Recommended Concentrations

Castrol Lubricity Additive S 519 is especially formulated to enhance the phosphorus levels in a fluid where load and wear are an issue. It should only be used after consultation with Castrol's Service Representative. A pH rise in the fluid should be expected as a result of usage of this additive. Recommended dosage can vary between 0.5% - 1.0% of the fluid volume.

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