

SEM-SOL SERIES MACHINE COOLANT

MULTI-APPLICATION EMULSIFIABLE CONCENTRATE

Description

Bosse Lubricants® SEM-SOL series machine coolant is very effective in cutting and grinding metalworking operations. The SEM-SOL formulations are innovative and, thanks to the modern technologies employed in its production, meets the most advanced and demanding applications found in metalworking.

Bosse Lubricants® SEM-SOL series machine coolants offer very good anti-foam characteristics and can be used in high-pressure systems and is hard water stable. Safe on ferrous and non-ferrous materials including plastics.

Bosse Lubricants® SEM-SOL series machine coolants do not contain chlorine, halogens, boron, nitrites, triazines, phenols and secondary amines, or their derivatives.

Typical Characteristics

Characteristic	SEM-SOL 420	SEM-SOL 425
Color	Blue	Blue
Chlorine	None	None
Sulfur	None	Present
Phosphorus	None	Present
Boron	None	None
Formaldehyde	None	None
Nitrates	None	None
Secondary Amines	None	None

Application

Always add Bosse Lubricants® SEM-SOL series machine coolant concentrates to water. Never add water to fluid concentrate. A refractometer should be used to check concentration. Final use concentration will depend on the metal being cut and the operation being performed.

Recommended Dilutions* Note: Percent concentration = Refractometer reading X Refractive factor (Refractive factor = 1.1)

Medium – Duty 5-7%

Heavy-Duty 10-15%

Grinding 5%

Sawing 7-10%

Spray Mist 2-3%

*Consult your Bosse Lubricants® fluid provider regarding what concentration is best for your application



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