



Alusol AU 70

High Performance Semi-Synthetic Fluid

Description

Castrol Alusol AU 70 is a high performance, multi-purpose, multi-metal compatible semi-synthetic product designed for heavy duty manufacturing applications. It is boron-, chlorine- and formaldehyde-free. The stable emulsion of Alusol AU 70 provides excellent tramp oil rejection and product stability in all water conditions. Alusol AU 70 contains an additive package that works in synergy to enhance machining performance and surface finish, provide excellent product stability, improve bio-resistance properties and lower the overall operations costs. This product is suitable for large central systems and single sump machines.

Advantages

- Formaldehyde-free to comply with health and safety regulations
- Boron-free for environmental compliance and improved residue characteristics
- Chlorine- and nitrite-free to fulfill your local legislation, waste treatment and environmental requirements
- Low foam in recommended water conditions
- Lubrication package specifically designed to enhance tool life and improve surface finish in aluminum and aerospace alloys machining
- Excellent wetting properties reduce coolant drag out and deliver clean machine tools and components

Typical Characteristics

	Test Method	Unit	Value
Appearance	-	CN-TM-074	Yellow
pH of Dilution	-	CN-TM-086	9.1
Specific Gravity	@60°F (16°C)	CN-TM-084	0.96
Bulk Density	lbs/gal	-	8.0

Recommended Concentrations

Grinding	5 - 6%
General Machining	5 - 10%

Concentration Control

Refractometer Reading	% Concentration
3.2	3.0
5.3	5.0
7.4	7.0
10.5	10.0

Additional Information

	Boron	Nitrites	EP-Ester	Amines	Chlorine
Additives	-	-	ü	ü	-

Storage

To avoid product deterioration, always keep container/drum tightly sealed. Prevent any frost and water ingress. Store in a cool, dry place away from direct sunlight. Always store product indoors. For more details, please refer to the product safety data sheet.

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