



Almaredge™ 70

General Purpose Soluble Oil

Description

Castrol Almaredge™ 70 (previously called Safety-Cool™ 70) is an economical soluble oil for general machining and grinding of ferrous and non-ferrous metals. The concentrate mixes easily with hard or soft water to form a stable white emulsion that provides good wetting and chip settling action. Almaredge 70 is well suited for recirculating central systems where conventional maintenance techniques can prolong the service life of the emulsion.

Advantages

- Mixes easily with water of various hardness, providing a stable emulsion
- The oily residue provides lubrication to fixtures and gauges
- Non-staining to copper and aluminium alloys
- Easy to dispose of by conventional waste treatment methods

Typical Characteristics

Name	Method	Unit	Almaredge 70
Appearance of Dilution	CN-TM-007	-	Milky - white emulsion
pH of Dilution @ 5%	CN-TM-069	-	9.8 – 10.4
Specific Gravity @ 15°C	CN-TM-084	-	0.91 – 0.93

Subject to usual manufacturing tolerances.

Recommended Concentrations

Grinding	4 - 5%
Machining	5 - 8%

Concentration Control

Refractometer Factor = 1.0

To calculate the concentration of the diluted fluid, multiply the Refractometer reading by the factor to come up with the in-use concentration.

User Advice

Almaredge 70 is recommended for machining and grinding of ferrous and non-ferrous alloys. Consult your Castrol Account Manager for questions regarding compatibility.

Additional Information

	Chlorine	Nitrites	Phenols
Additives	-	-	-

Storage

To avoid product deterioration always keep the container/drum tightly sealed. Store the product in a cool, dry place away from direct sunlight. Prevent exposure to frost and avoid water ingress. For optimum product stability, it is preferable to store the product indoors between 5°C and 45 °C / 41°F and 113°F.

For more details, please refer the product safety data sheet.

This product was previously called Safety-Cool 70. The name was changed in 2015.

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