



## AKAQUACOOAL AL 135

### DESCRIPTION:

AUTOKING AQUACOOAL AL 135 Mineral oil based soluble cutting oil forms a milky emulsion with water and contains rust inhibitors to impart anti-rust, anti-corrosion properties and a biocide to prevent bacterial growth in emulsion. These oils have excellent cooling and lubricating properties which impart superior surface finish and minimize tool wear. A line of economical, high performance aluminum machining coolant reduces both maintenance and production cost. Our coolant is designed for large central system possess exceptional emulsion stability and microbial control over long service interval with minimum maintenance. Unique lubrication chemistries provide unparalleled tool life on heavy duty operation line roll form tapping and aggressive reaming.

### Applications:

AK AQUACOOAL AL 135 cutting oil is specially used in aluminum for providing excellent lubricity in machining aluminum and its alloys, Reduces friction, Eliminates chip welding, Improved surface finish and extend tool life.

### PERFORMANCE LEVEL:

- IS: 1115-1986 (Reaffirming March, 2002)
- ZX of Defense Standard

### FEATURES

- Long fluid life economically.
- Outstanding wear protection.
- Maintaining system efficiency.
- Excellent machinery performance.

### BENEFITS:

- Excellent surface finish and minimum tool wear.
- Provides long lasting stable emulsion & Long-term inherent stability.
- Protect machine components and tool material from rust and corrosion.
- Superior cooling & lubricating properties.
- Ease of use and maintenance.



**TYPICAL PROPERTIES:**

CHARACTERISTICS	AK AQUACOOOL KL 135
APPEARANCES	BROWN LIQUID
DENSITY @15°C	0.84-0.87
KINEMATIC VISCOSITY @40°C, CST	21-30
FLASH POINT°C, MIN.	180
COPPER STRIP CORROSION	PASS
PH @ 5% EMULSION IN WATER	9.40
RUST TEST IP-287	PASS
EMULSION STABILITY	STABLE

**HEALTHY, SAFETY & ENVIRONMENT:** - Auto king oil are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standard of industrial and personal hygiene are maintained. For more details, contact STERLITE INDIA REPRESENTATIVES.

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## PRODUCT DATA SHEET



*Oils by an Indian*

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<b>BROWN LIQUID</b>
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<b>21-30</b>
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<b>PASSES</b>
<b>9.40</b>
<b>Pass</b>
<b>Stable</b>

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