



AK AQUACOOOL SERIES

GRADES: 125 & 135

DESCRIPTION:

AUTOKING AQUACOOOL SERIES 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.

AUTOKING AQUACOOOL SERIES are generally used in concentration of 5 % and it used for variety of cutting operations on ferrous and non-ferrous metals.

AUTOKING AQUACOOOL SERIES OILS are designed for the modern machine shop to increased productivity.

Applications:

AK AQUACOOOL 125 oil is recommended for super finishing operation like General machining of easy to machine steels and copper alloys in light to moderate duty machining operations such as milling, turning, sawing, boring, drilling and reaming.

AK AQUACOOOL 135 oil is recommended for variety of cutting operation on ferrous and non-ferrous metals. Its versatile performance makes it suitable for a wide range of metal cutting and grinding operations for where economic performance is the main consideration. It offers excellent emulsion stability and long-term corrosion protection for both components and machine tool, where the lubricity of soluble oil is desired.

PERFORMANCE LEVEL:

- IS: 1115-1986 (Reaffirming March, 2002)
- ZX of Defence 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.

STERLITE LUBRICANTS PVT. LTD.

Corporate Headquarters

65-Second Floor, 4D SQUARE,

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TYPICAL PROPERTIES:

CHARACTERISTICS	AQUACOOOL 125	AQUACOOOL 135
APPEARANCES	BROWN LIQUID	BROWN LIQUID
DENSITY @15°C	0.84 - 0.86	0.84 - 0.86
KINEMATIC VISCOSITY @40°C, CST	22-30	31-45
FLASH POINT°C, MIN.	180	180
COPPER STRIP CORROSION	PASSES	PASSES
PH @ 5% EMULSION IN WATER	8.75	9.1
REFRACTIVE INDEX, %	0.90	1.0
EMULSION STABILITY	STABLE	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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