



AK AQUACOOOL XHP SERIES

GRADES: 200 & 250

DESCRIPTION:

AUTOKING AQUACOOOL XHP SERIES is Versatile semi-synthetic cutting fluid for machining steels, for aluminium and its alloys. Designed to give bright surface finish and Multipurpose micro Emulsion type based High performance fluid for general machining based on innovative Lactic Acid based technology offering enhanced cleanliness, hard water stability and a long service life.

AUTOKING AQUACOOOL XHP SERIES also gives desired high enhance performance when machining aluminum and aluminum alloys and where low staining potential is important on sensitive components. Containing high levels of lubricity agents, it provides high machining performance of carbon and alloy steels and yellow metals.

APPLICATION:

- AK AQUACOOOL XHP 200 is formulated With EP Additives for Toughest Machining Operations with very good surface finish heavy duty machining of cast iron, steel and aluminum alloys.
- AK AQUACOOOL XHP 250 is remarkable anti-rust characteristics Coupled with a high resistance to bacterial attack. This product is specially designed to offer extended sum life and recommended for heavy duty machining fluid for ferrous & its alloy metals and Grinding Application.

PERFORMANCE LEVEL:

- As Per Future Aspects....

FEATURES

- Long term inherent stability.
- Form stable emulsions and solutions.
- Resists formation of sticky residues.
- One Product for Many Solutions.
- Good Human & Skin compatibility.
- General machining: - 5-7%.
- Heavy Duty Machining: - Above 7%.
- Grinding Applications: - 8%.

BENEFITS:

- Improved performance even in high pressure systems.
- Increases batch life and reduce unpleasant odors. Improves machine cleanliness as resist formation of sticky residues.
- Superior cooling and lubricating properties.
- Suitable for use with a wide range of ferrous and non-ferrous metals.
- Protection of machine components & tool materials from rust and corrosion.

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TYPICAL PROPERTIES:

CHARACTERISTICS	AQUACOOOL XHP 200	AQUACOOOL XHP 250
APPEARANCES	BROWN	BROWN LIQUID (SLIGHT HAZY)
DENSITY @15°C	0.98 - 0.99	0.98 - 0.99
KINNEMATIC VISCOSITY @40°C, CST	60 - 65	60 - 70
FLASH POINT°C, MIN.	145	155
COPPER STRIP CORROSION @100°C, CST	1A	1A
PH @ 5% EMULSION IN WATER	9.65	9.80
REFRACTIVE INDEX, %	0.9	1.0
EMULSION STABILITY	STABLE	STABLE
FOAMING TEST	PASSES	PASSES
THERMAL STABILITY TEST	PASSES	PASSES

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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