



AK AQUAGRIX SERIES

GRADES: 902 & 1020

DESCRIPTION:

AUTOKING AQUAGRIX SERIES Products are non-staining mineral oils intended for conventional and high speed grinding and honing applications across a wide range of materials and operations. The high quality base oils and select additive systems offer clear, low misting and low odor lubrication that help to improve the workplace environment.

AUTOKING AQUAGRIX SERIES are designed to prevent staining of non-ferrous alloys and copper tubing that are often found in grinding oil circulation systems. These oils separate readily from grinding swarf and components which helps to reduce drag off and waste generation.

APPLICATION:

- AK AQUAGRIX 902 is recommended for light duty cylindrical and surface grinding of carbon and alloy steels. It helps retain accuracy in precision grinding applications. It can also be used as the dielectric fluid in Electro-Discharge Machining (EDM) applications.
- AK AQUAGRIX 1020 is medium/heavy duty product intended for finish grinding of hardened steels. It has excellent wet ability to avoid burning and keep grinding wheels clean. Formulated with low viscosity, high quality base oils it is well suited for the finish grinding of precision gears, axles and other applications where a high degree of precision is required.

PERFORMANCE LEVEL:

- IS 3065-1985 (RA 2002).
- Proprietary grade.

FEATURES

- Excellent Machine Compatibility.
- Outstanding Cutting-edge Performance.
- High Degree of Filterability
- Low Misting and Neutral Odor
- Excellent Human Compatibility.
- Excellent Lubricity

BENEFITS:

- Highly effective machining performance.
- Minimize staining of the flutes in these high speed operations.
- Reduced product usage and ease of swarf disposal.
- Excellent corrosion protection for ferrous and aluminum alloys. Protects both parts and machinery.
- Cleaner and safer working environment..
- Suitable for Multimetals
- Excellent PH Stability

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TYPICAL PROPERTIES:

CHARACTERISTICS	AQUAGRIX 902	AQUAGRIX 1020
APPEARANCE	BRIGHT YELLOW	YELLOW
DENSITY @15°C	0.77 - 079	0.80 - 0.82
KINEMATIC VISCOSITY @40°C, CST	6 - 8	14 - 15
DIELECTRIC STRENGTH	28	--
FLASH POINT°C, MIN.	150	180
COPPER STRIP CORROSION	1B	1B

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 REPRESENTATIVE

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