



AK AQUAFIN NCL SERIES

GRADES: 402, 502 & 602

DESCRIPTION:

AUTOKING AQUAFIN NCL SERIES is high-performance multi-purpose cutting oils. They are chlorine-free, non-staining and non-corrosive. They are designed for light to moderate duty cutting operations and also suitable as machine tool lubricants and for use in light duty hydraulic systems.

AUTOKING AQUAFIN NCL SERIES are formulated from high quality base oils and select additives to provide effective machining performance in a wide variety of operations of both ferrous and non-ferrous metals and chlorine free additives reducing the environmental impact of disposal and spillage.

APPLICATION:

- AK AQUAFIN 402 particularly suited for deep hole drilling and similar high-speed operations. Also used for high-speed, light feed machining of screw stock steels and as a lubricant for high-speed spindles.
- AK AQUAFIN 502 recommended for steels and cast irons having Brinell hardness up to 200. They can be used for severe cutting operations of difficult-to-machine non-ferrous alloys such as silicon-copper, silicon-bronze and copper-nickel.
- AK AQUAFIN 602 more suitable is recommended for critical machining of non-ferrous metals and automatic operations on materials having Brinell hardness up to about 300.

PERFORMANCE LEVEL:

- IS 3065-1985 (RA 2002)
- Type III Spec.
- Proprietary grade.

FEATURES

- Long tool life.
- Outstanding Cutting-edge Performance.
- Improved quality of finished materials.
- Effective anti-mist characteristics.

BENEFITS:

- Highly effective machining performance.
- Reduced risk of atmospheric contamination, being non-fuming.
- Increased production resulting from longer tool life.
- Reduced downtime for tool changes and wheel dressing.
- Non-corrosive / non-staining.
- Multi-service characteristics.
- Cleaner and safer working environment



TYPICAL PROPERTIES:

CHARACTERISTICS	AQUAFIN NCL 402	AQUAFIN NCL 502	AQUAFIN NCL 602
APPEARANCE	BRIGHT AMBER	BRIGHT AMBER	BRIGHT AMBER
DENSITY @15°C	0.83-0.84	0.85-0.86	0.87-0.88
KINEMATIC VISCOSITY @40°C, CST	12-15	24-26	34-36
VISCOSITY INDEX, MIN.	115	128	135
FLASH POINT°C, MIN.	205	210	215
COPPER STRIP CORROSION	1B	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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