



AK HYDROWAY SERIES

GRADES: 32,46,68,100,150,220,320,460

DESCRIPTION:

AUTOKING HYDROWAY SERIES Oils provide excellent frictional properties to eliminate stick slip and chatter under thin film, Boundary lubrication conditions. These oils adhesive properties provide uniform film that resist squeezing from way surface while the machine is not in operation.

AUTOKING HYDROWAY SERIES Oils having superior resistance to oxidation and have good filterability characteristics. AK HYDROWAY SERIES Oils are based on high quality base stock with non-corrosive lubricity and other additives provides excellent anti-wear, Ep characteristics, adhesive, and water separating capabilities.

APPLICATION:

- AK HYDROWAY 32, 46, 68 & 100 Oil are recommended for use in horizontal sideway on small to medium size machine tools.
- AK HYDROWAY Oil Series are recommended for use in slides and ways of lathes, shapers. Grinders and milling machines.
- AK HYDROWAY Oil Series 150 and 460 are recommended for large machine where way pressure are high and also for vertical or inclined slides and ways.
- AK HYDROWAY SERIES Oils are suitable for circulating application in large machine and as moderate duty hydraulic oil.

PERFORMANCE LEVEL:

- CINCINNATI MACHINES P-47 AND P-50
- ASLE STANDARD W 315 AND W 1000

FEATURES

- Excellent anti-wear properties and provides high level of protection for gears, bearings and slides.
- Superior Rust and corrosion properties provide protection of machine tool slides.

BENEFITS:

- Superb adhesive properties prevent removal of lubricants from critical surface.
- Long Lubricant Life due to high chemical and oxidation stability.
- Low Frictional properties reduce chatter and stick slip of slides and way and lead to improve surface finish.



TYPICAL PROPERTIES:

CHARACTERISTICS	AK 32	AK 46	AK 68	AK 100	AK 150	AK 220	AK 320	AK 460
ISO GRADE	32	46	68	100	150	220	320	460
APPEARANCES	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR
KINEMATIC VISCOSITY@40°C, CST	30-34	42-50	63-72	90-110	140-160	200-240	290-340	420-480
KINEMATIC VISCOSITY@100°C, CST	5-7	6-7	8-10	8-11	14-17	18-23	22-28	30-35
VISCOSITY INDEX, MIN.	95	95	95	95	95	95	95	95
RUST TEST	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
COPPER CORROSION	1A	1A	1A	1A	1A	1A	1A	1A
FOUR BALL WEAR TEST	0.72	0.72	0.72	0.72	0.73	0.73	0.73	0.73

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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