



AUTOKING SECURE SERIES

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

DESCRIPTION:

AUTOKING SECURE SERIES Oils are premium quality bearing and circulating oil possessing superior oxidation and thermal stability. These oils having properties to separate water quickly and have excellent film strength property to minimize wear in roll-neck bearing of steel plants.

AUTOKING SECURE SERIES Oils are designed for continuous use in circulation lubrication systems for gears and bearing. These oils are based on highly refined, solvent treated, superior quality base oils and selectively choose additive. These oils provide outstanding performance at the elevated temperature generally found in paper mills, steel plants, coal pulverizers etc.

APPLICATION:

- AK SECURE SERIES Oils are recommended for use in compressors, machine tools, hydraulic and circulation systems and enclosed gear boxes, which do not require EP type lubricants.
- AK SECURE SERIES Oils suitable for use in anti-friction bearings, plain bearings, drive gear and division of steel mills where operating condition are moderate.

PERFORMANCE LEVEL:

- IS : 6552-1987
- IPSS : 1-09-001-95 grade 1 to 6

PERFORMANCE

- Superior Demulsibility Characteristics.
- Excellent Wetting Properties
- Outstanding wear protection
- Maintaining system efficiency

BENEFITS:

- Faster Water Separation through Filtration.
- Superb oxidation and thermal stability
- Impart outstanding anti-wear, anti-rust and anti-scattering properties
- Contain fatty additives to provide mild extreme pressure and additional lubricate characteristics.
- Excellent waste release properties.

STERLITE LUBRICANTS PVT. LTD.
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TYPICAL PROPERTIES:

| CHARACTERISTICS | 32 | 46 | 68 | 100 | 150 | 220 | 320 | 460 |
|--|-------|-------|-------|--------|---------|---------|---------|---------|
| ISO VISCOSITY GRADE | 32 | 46 | 68 | 100 | 150 | 220 | 320 | 460 |
| APPEARANCE | CLEAR | CLEAR | CLEAR | CLEAR | CLEAR | CLEAR | CLEAR | CLEAR |
| KINEMATIC VISCOSITY @ 40°C, CST | 30-35 | 42-50 | 64-72 | 90-110 | 145-155 | 210-225 | 315-330 | 450-470 |
| KINEMATIC VISCOSITY @ 100°C, CST | 5-7 | 7-8 | 8-10 | 10-12 | 14-15 | 17-18 | 21-23 | 25-27 |
| VISCOSITY INDEX, MIN. | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 |
| FLASH POINT °C, MIN. | 245 | 245 | 245 | 245 | 245 | 245 | 245 | 245 |
| POUR POINT °C, MAX. | -20 | -20 | -18 | -15 | -15 | -15 | -15 | -15 |
| COPPER CORROSION | PASS | PASS | PASS | PASS | PASS | PASS | PASS | PASS |
| DEMULSIBILITY, TOTAL FREE WATER NON EP OILS, ASTM D2711 | 38 | 37 | 36 | 38 | 39 | 36 | 35 | 36 |
| FZG SCUFFING, FAIL LOAD STAGE, A/8.3/90, ISO14635-1 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |

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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