



AK SYNGEAR SERIES

GRADES: AK-100,150,220,320,460,680,1000

DESCRIPTION:

AUTOKING SYNGEAR SERIES Oils are Synthetic gear oils designed to provide outstanding protection of gears and bearings, extended oil life. Even under extreme conditions.

AUTOKING SYNGEAR SERIES Oils are PAO based fluids and selected additives. They have excellent wear, corrosion and rust protection properties and enhance oxidation stability. Their natural high V I combined with low traction coefficient reduces power consumption and make them energy efficient gear oils. This oil provides long equipment life.

APPLICATION:

- AK SYNGEAR SERIES Oils are recommended for modern, highly loaded gear boxes used in paper, steel, oil, textile and cement industries where gear protection and optimum oil life are required.
- This oil is used in plastic extruder gear boxes also.

PERFORMANCE LEVEL:

- AGMA-9005-E02
- DIN: 51517 Part-3(CLP).
- ISO: 12925-1 type CKD & ISO: 1292-1 Type CKT.

PERFORMANCE

- High VI equating to reduced viscosity change with temperature.
- Excellent thermal/oxidation stability.

BENEFITS:

- Excellent resistance to degradation at high temperature.
- Low traction properties.
- Superb shear stability.
- Excellent seal compatibility.

TYPICAL PROPERTIES:

CHARACTERISTICS	SYNGEAR-100	SYNGEAR-150	SYNGEAR-220	SYNGEAR-320	SYNGEAR-460	SYNGEAR-680	SYNGEAR-1000
ISO VG GRADE	100	150	220	320	460	680	1000
KINEMATIC VISCOSITY@40°C, CST	90-110	140-160	200-240	290-350	410-500	650-740	900-1000
VISCOSITY INDEX, MIN.	150	150	150	150	150	180	181
FLASH POINT°C, MIN.	230	230	235	240	240	240	240
POUR POINT°C, MAX.	-35	-35	-30	-30	-27	-32	-32
TIMKEN OK LOAD. KGS.	60	60	60	60	60	60	60
WELD LOAD KG.	250	250	250	250	250	250	250

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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