



## AK MOIL GEAR SERIES

GRADES: 100, 150, 220, 320, 460, 680, 1000.

### DESCRIPTION:

AUTOKING MOIL GEAR SERIES Oils are high performance gear oil having outstanding extreme pressure and load carrying properties, intended for use in all type of enclosed gear drives with circulation or splash lubrication systems.

AUTOKING MOIL GEAR SERIES Oil is formulated from highly refined base stock and special additives that provide improved thermal stability and oxidation resistance over conventional oils. This oil has good Demulsibility properties, low foaming tendency and provides rust and corrosion protection to metal surfaces.

### APPLICATION:

- AK MOIL GEAR SERIES Oils are recommended for marine and industrial spur, helical and bevel enclosed gears with circulation or splash lubrication system operating under heavy load conditions easily.
- Also Suitable for gear sets working under heavy or shock loads.
- AK MOIL GEAR SERIES Oils recommended for earth moving equipments, cement industry, rolling mill, crushers, conveyor, escalator and kilns

### PERFORMANCE LEVEL:

- AGMA 9005-EO2 & IS: 12925-1 TYPE.
- IS: 8406[1993] & API-GL-5
- DIN-51517 PART-3

### PERFORMANCE

- High resistance to oxidation and thermal degradation.
- Reduced gear tooth wear due to excellent load carrying properties.

### BENEFITS:

- Excellent wear protection.
- Wide range of application.
- Protect metal against rust & corrosion.
- Resistance to foaming and emulsion formation.
- Improves Protection from Micro pitting fatigue.
- Provide high load carrying ability.



**TYPICAL PROPERTIES:**

CHARACTERSTICS	100	150	220	320	460	680	1000
ISO VG GRADE	100	150	220	320	460	680	1000
KINEMATIC VISCOSITY@40°C, CST	90-105	140-160	200-240	290-350	410-500	610-745	900-1000
VISCOSITY INDEX, MIN.	135	140	145	150	150	160	160
FLASH POINT°C, MIN.	220	220	230	230	230	240	250
POUR POINT°C, MAX.	-19	-19	-18	-18	-15	-12	-8
RUST TEST	PASS	PASS	PASS	PASS	PASS	PASS	PASS
FZG RATING FAIL STAGE	13+	13+	13+	13+	13+	13+	13+

**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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