



## AUTOKING HIGHTREX SERIES GREASES

GRADES: 01, 02, 03

### DESCRIPTION:

AUTOKING HIGHTREX SERIES GREASES are multi-functional high temperature greases, formulated with a high dropping point lithium complex thickener and especially developed synergistic additives for lubrication up to 180°C under normal to heavy loads. The complex soap incorporated in the greases enable them to retain their structure even at high temperatures and loads.

AUTOKING HIGHTREX SERIES GREASES provide greases have excellent shear stability and good surface adhesion. They are non-ageing and are highly resistant to cold and hot water, heat, dust, rust, corrosion and oxidation.

### APPLICATION:

- AK HIGHTREX SERIES GREASES are designed as multifunctional lubrication of all types of industrial bearings operating under higher than ambient temperature conditions under heavy loads. Typical applications include kiln car rollers, hot air fan bearings, electric motor bearings and clutch release bearings in the metallurgical, ceramic, cement and electrical industry
- AK HIGHTREX SERIES GREASES can be used in plain and antifriction bearings operating under high load conditions in various heavy duty industrial applications, steel mills, paper mills, heavy structural construction/fabrication industries, mining and automotive industries.

### PERFORMANCE LEVEL:

- Proprietary Grade.

### PERFORMANCE

- Good load bearing properties.
- Excellent mechanical stability.
- High drop point.
- Excellent rust and corrosion resistance.

### BENEFITS:

- Good Extreme-Pressure and Anti-wear Properties.
- Can withstand shock loads which leads to better bearing protection.
- Good pumpability which makes it suitable for centralized lubrication systems.
- Resistance to copper and steel corrosion.
- Good adhesive property ensures longer re-lubrication intervals.



**TYPICAL PROPERTIES:**

CHARACTERISTICS	HT 01	HT 02	HT 03
APPEARANCE	DARK BROWN	DARK BROWN	DARK BROWN
NLGI GRADE	01	02	03
THICKENER TYPE	LITHIUM COMPLEX	LITHIUM COMPLEX	LITHIUM COMPLEX
BASE OIL VISCOSITY 40°C CST	220	220	220
WORKED PENETRATION 25°C, 60/60 STROKES	310-295	265-295	245-265
DROPPING POINT °C, MIN.	260	260	260
OXIDATION STABILITY, 100H, PSI DROP, MAX.	0.5	0.5	0.5
EMCOR RUST TEST RATING	0,0	0,0	0,0
FOUR BALL WELD LOAD, KGF	260	260	260
FOUR BALL WEAR TEST, SCAR DIA-IN MM @1450 RPM	0.5 MAX	0.5 MAX	0.5 MAX
TIMKEN OK LOAD	23	23	23
MAXIMUM OPERATING TEMPERATURE IN °C	180	180	180

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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## PRODUCT DATA SHEET



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