



Focusing on Enhanced Performance

Profile

Kenzol Multi Industries FZC is a pioneer in lubricant and grease manufacturing based in U.A.E., and offers a wide range of high-quality, high-performance lubricants that address the challenging and complex requirements of OEM's and world-class tier one suppliers. We operate under the core values of quality, reliability, innovation, and performance, with a customer-centric approach. In addition to our own products, we can also provide customized lubricant solutions to our customers based on their specific needs. Our state-of-the-art manufacturing facility is equipped with the best facilities, machinery, and technology that enables us to deliver lubricants with the highest standards in performance and efficiency, and further helps us in exceeding our customer's expectations. Our highly qualified and experienced engineers have developed high quality and cost effective successful formulations, and continue to innovate to meet the evolving demands of the automotive, marine, industrial, and specialty sectors. We currently have an installed capacity of blending and filling more than 40,000 MT of lubricants, greases and viscosity index improvers per annum. We are also extremely environmental-friendly and also ensure the highest standards in operational health and safety of our employees.

Mission

We dedicate ourselves to supplying high quality lubricant solutions that provide enhanced performance through constant innovation and continuous improvement.

Vision

Kenzol will lead the way to the future of energy with a firm commitment to quality, innovation and environment friendly practices.



ISO 9001:2015

ISO 14001:2015

ISO 45001:2018

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Product Name: KENZOL CALCIUM GREASE

DESCRIPTION

Kenzol calcium greases designed for the lubrication of spring leaves, handbrake cables, flexible drives and exposed chains. Suitable for use in slow speed plain bearings and slides where a heavy grease with solid lubricants is required. Use for plain bearing locks, latches, fasteners, cables, springs and as a fifth wheel lubricant. This grease can be used in industrial, mining and construction equipment including bulldozers, scrapers, loading shovels and dump trucks where graphite grease is recommended and high temperature capability is not required.

FEATURES

- Excellent water resistance.
- Good corrosion prevention.
- High mechanical stability.
- Good adhesivity.

TYPICAL CHARACTERISTICS

NLGI Grade	2	3
Color	Brown	Brown
Texture	Smooth	Smooth
Thickener Type	Calcium Soap	Calcium Soap
Drop Point, °C	128	130
Penetration, mm@ 25 , °C	275	235
Unworked		
Worked@ 60 strokes	280	240
Worked@ 10000 strokes	292	254
Base Oil Viscosity @40 °C, cSt	60	60
Copper-Corrosion	1	1
Water, m %	Max0.5	Max0.5
Oil Separation, 24 hr / 60 °C , wt %	2.6	2
Water wash out, 1hr @ 38 °C, wt %	<5	<5

HANDLING, HEALTH AND SAFETY

Lubricant consisting of highly refined mineral oils with specific additives. In normal conditions of use this product presents no particular toxic hazard. All lubricants and greases, of any kind should be handled with great care, particularly avoiding any prolonged contact with the skin.



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Product Name: KENZOL GREASE (MULTIPURPOSE 2 & 3)

DESCRIPTION

Kenzol MP Grease is a high quality, multipurpose. NLGI 2 and NLGI 3 grade, lithium hydroxy stearate grease based on an ISO VG 150 mineral oil. It is formulated to provide added protection against rusting and water washout in general purpose automotive applications at moderate temperatures and loads. Recommended for the lubrication of automotive chassis components, wheel bearings, clutch bearings, universal joints and ball joints of steering and suspension systems of passenger cars, trucks, farm tractors and most other types of mobile equipment operating under moderate conditions. The recommended operating temperature range of MP is -20°C to 120°C

FEATURES

- Excellent thermal and oxidation stability.
- Outstanding protection against rust and corrosion.
- Moderately high drop points and an excellent structural stability.
- Extended bearing life

PERFORMANCE LEVEL: Recommended for the below performance levels / grades:

- IS-14847:2000

TYPICAL CHARACTERISTICS

	MP-2	MP-3
Soap Type	Lithium	Lithium
Color	Amber /Yellow	Amber /Yellow
Texture	Smooth	Smooth
Work Penetration at 25 ° C	265-295	265-295
Drop Point ° C, Min.	180	180
Viscosity @40 ° C, cSt	150	150
Rust Protection Test, rating	pass	pass
Copper Corrosion 24h, 100C	18	18



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Product Name: KENZOL GREASE (EXTREME PRESSURE 0,1, 2 & 3)

DESCRIPTION

Kenzol EP-1, EP-0, EP-2 & EP-3 grease products are a high performance general-purpose industrial grease. These lithium hydroxy stearate greases are formulated to provide extra protection against wear, rusting and water washout. It is premium quality lithium based automotive grease manufactured from superior quality base stocks and specially selected additives and suitable for operating temp between -20 and 130°C is recommended for multipurpose applications in antifriction and plain bearings, bushings and pins under normal operating conditions. EP 3 is a stiffer grease recommended for applications where maximum protection against penetration of water or solid contaminants is required Recommended for use in all types of automotive vehicles, passenger and commercial, tractors and other heavy-duty equipment.

FEATURES

- Excellent thermal and oxidation stability.
- Outstanding protection against rust and corrosion.
- Moderately high drop points and an excellent structural stability.

PERFORMANCE LEVEL: Recommended for the below performance levels / grades:

- IS: 506 - 1993, IS: 7623, 150L-XBCEB 2/3, DIN 51502

TYPICAL CHARACTERISTICS

	EP-0	EP-1	EP-2	EP-3
Soap Type	Lithium	Lithium	Lithium	Lithium
Color	Amber	Amber	Yellow	Yellow
Texture	Smooth	Smooth	Smooth	Smooth
Work Penetration at 25° C	365	325	265-295	265-295
Drop Point ° C, Min.	175	180	200	200
Viscosity @40 ° C, cSt	220	220	200	200
Free Alkalinity (as LiOH) % by mass, max			0.1	0.1
4-Ball wear, scar, mm			0.4	0.4
4-Ball weld load, kg			250	250
Heat Stability % loss by mass. Max			5	5
Timken OK Load, lb			45	45
Copper Corrosion 24h, 100C			1a	1a



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Product Name: KENZOL HIGH TEMPERATURE GREASE

DESCRIPTION

Kenzol High Temperature Grease is a Bentonite clay-based grease blended with high viscosity base oils having a high flash point along with superior anti-rust and EP additives. Bentonite is used as an inorganic thickener. Due to the fact that these high-quality greases do not have a dropping point, they are often referred to as non-melting greases. They are specifically adapted to long-time use at high temperatures. Their lifetime is defined by the resistance of the base oil to oxidation and will depend on the temperature at which the grease is used.

FEATURES

- Prevents grease loss and minimizes the chances of bearing failure at high temperatures due to its non-melting nature.
- Good water washout owing to water-resistant thickener.
- Protects against rust.
- Maintains effective lubrication at high temperatures through its strong resistance to softening.
- Ideal for use in furnace door bearings and kiln car wheel bearings and bearings on shafts extending through furnaces.
- Resists shock loading through outstanding EP properties.

TYPICAL CHARACTERISTICS

NLGI Grade	2
Dropping Point, Deg C	Not applicable
Penetration, mm @ 25 deg C	280
Oil Viscosity	
cSt @ 40 Deg C	92.5
cSt @ 100 Deg C	10.5
Thickener (Modified Bentonite), m %	12
Operating Temperature Range, Continuous service, Deg C	-15 to 120
With frequent lubrication, Deg C	260

HANDLING, HEALTH AND SAFETY

Lubricant consisting of highly refined mineral oils with specific additives. In normal conditions of use this product presents no particular toxic hazard. All lubricants and greases, of any kind should be handled with great care, particularly avoiding any prolonged contact with the skin.

Prevent any splashing and keep away from combustible materials. Store under cover and away from any risk of pollution. The grease drums should be stored upright and the surface of the grease should be smoothed to prevent oil separation into the cavity. Disposes off the used product and can correctly, don't pour down drains, into watercourses or the soil.

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Product Name: KENZOL LITHIUM COMPLEX GREASE

DESCRIPTION

Kenzol Lithium Complex Grease is a lithium-complex thickened mineral oil-based grease of NLGI No. 3 & 2 consistency having extreme pressure properties. This product is fortified with rust and corrosion inhibitors specially developed for bearings operating at higher temperatures and severe loads. It has similar basic properties to conventional lithium soap greases but has the further advantages of higher drop point, less oil separation particularly at high temperature and more stable consistency near the drop point of the grease.

FEATURES

- Excellent oxidation stability
- Good rust and oxidation stability
- Resistance to water
- Excellent High temperature performance
- Long operational life due to resistance to thermal breakdown
- Effective Rust and corrosion protection.

APPLICATION

- Suitable for low and high temperature applications
- Overcomes problems related to excessive vibrations
- Provides protection against corrosion and water washout in wet conditions.
- Suitable for applications where extended lubrication intervals are recommended.

TYPICAL CHARACTERISTICS

NLGI Grade	2	3
Color/Texture	Light Brown /Smooth	Light Brown /Smooth
Drop Point, °C	240 deg C	245 deg C
Penetration, mm @ 25 °C	265-295	220-250
Worked penetration 100,000	+7 % max	+7 % max
Timken OK Load, (kg)	20	20
Thickener Lithium m%	7.5	7.5
Base Oil Viscosity @ 40°C	220cst	220cst
Operating Temp., °C	-30 to 150 deg C	-20 to 160 deg C
Water Wash Out	0.05	0.05
Copper Corrosion Test	1b	1b



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Product Name: **KENZOL LITHIUM MOLY GREASE EP 2**

DESCRIPTION

Kenzol Lithium Moly Grease EP-2 is a superior grease with high-pressure properties, for heavy loaded applications in general. This lithium soap-based grease has good oxidation stability and anti-wear properties as it contains Molybdenum disulphide and various high-load bearing additives. It can ensure long-lasting lubrication as it is waterresistant and shows good temperature characteristics. It can also be used at high temperature and stays pumpable at low temperatures making it suitable for heavily load bearings as well as wet environments.

FEATURES

- Excellent load carrying properties.
- Good resistance to water washout.
- Good rust & corrosion protection.
- Long service life through excellent oxidation stability.
- Good mechanical stability.
- Enhanced protection under severe heavy-duty, low-speed operating conditions through solid film (Molybdenum Disulfide) lubrication.

APPLICATION

- Suitable for lubrication of heavily loads plain bearings.
- Also used on low-medium speed heavily loaded anti-friction bearings.
- Recommended where fretting corrosion is a problem.
- Suitable for CV joints, universal joints and so on.

TYPICAL CHARACTERISTICS

NLGI Grade	2
Texture	Smooth
Color	Dark Gray
Soap type	Lithium
Drop point, °C	195
Penetration (worked @ 25 °C)	280
Base oil viscosity, cSt, @ 40 °C	120
Useable operating range of	-20 to 135
Continuous service, °C Timken OK Load, kg	18



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Contact Us

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