

GREASE

PRECISION JAPANESE TECHNOLOGY
SINCE 1953

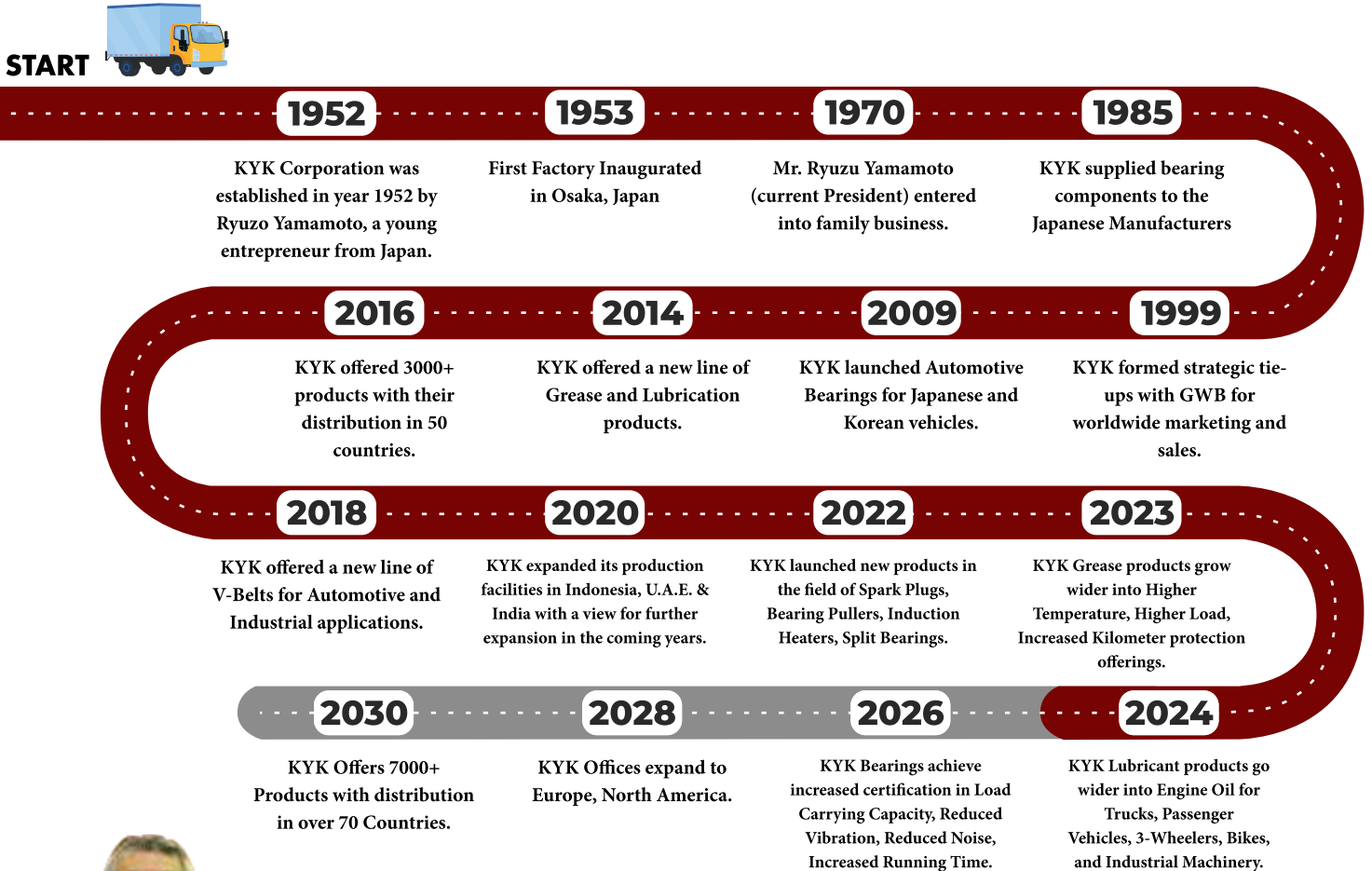


THE HISTORY

KYK Corporation Ltd. (old Company Name – Yamakei Bearing Ltd.), established in 1952, is the world-renowned owner of KYK Brand. Headquartered in Osaka, Japan, KYK is supplied to over 50 countries, having a truly Global Presence.

KYK manufactures its products with strict adherence to Japanese Precision and Quality Standards, with the motto “KAIZEN” signifying its commitment to consistent improvement in product quality and delivery systems.

THE TIMELINE



Mr. Ryuzo Yamamoto
President
KYK Corporation Ltd
Osaka, Japan

KYK GREASE

KYK Grease has been meticulously crafted to cater to a diverse range of Industrial and Automotive applications, delivering unparalleled value through extended operational lifespan, heightened productivity and minimized downtime.

Our Lubricating Grease boasts formulations featuring premium-quality thickeners, mineral base stocks, and additives. This ensures superior protection against wear, rust, and water washouts, allowing them to function seamlessly in environments spanning from standard to high temperatures, extreme pressure conditions, high loads, low noise, vibrations, and customized applications.

Applied across various industries such as Mining, Crusher, Cement, Steel, Construction, Paper, Electric Motor, Marine, General Applications, and Automotive Vehicles, KYK Grease consistently delivers exceptional performance.

Collaborating closely with Original Equipment Manufacturers and users, KYK Grease remains at the forefront of advanced-technology grease development.

QUALITY ASSURANCE

At KYK quality is non-negotiable. Our Grease undergoes rigorous testing to meet and exceed industry standards. We ensure consistency, performance, and reliability with every application of KYK Grease. We prioritize environmental sustainability.



KYK GREASE

KYK Lithium MP Grease -NLGI 3

Our flagship product, designed to provide exceptional lubrication across a wide range of applications, from automotive to industrial machinery.

KYK Lithium MP Greases are light brown/amber colored multipurpose greases available in NLGI 2&3 grades. The grease is recommended for use in all weather conditions with operating temperature from -20 to +130 °C.

FEATURES	APPLICATIONS
<ul style="list-style-type: none"> • Smooth • Provide Anti-wear characteristics • Provide anti-rust and anti-oxidant characteristics • Excellent Mechanical Stability • Copper Corrosion Resistant • High Oxidation Stability 	<ul style="list-style-type: none"> • Automotive and Industrial applications • Suitable for plain and roller bearings • Electric Motors, pumps and compressors • Machine Tools • Recommended operating temperature ranging from -20 to +130 °C

S.No.	Characterstics	Test Method	Control Limits
1.	Appearance	Visual	Smooth & Homogeneous
2.	Color	Visual	Light Brown/ Amber
3.	Thickener	Formulation	Lithium
4.	NLGI Grade	ASTM D217	3
5.	Penetration worked 60X, @25°C	ASTM D217	220-250
6.	Base Oil, KV @ 40°C, cSt	ASTM D445	VG130 (120-140)
7.	Base Oil Type	-	Mineral
8.	Dropping Point, °C	ASTM D2265	190 Min
9.	Operating Temperature Range	Internal	-20°C to +130°C

KYK HIGH temperature Calcium Sulfonate Complex Grease NLGI 2

High-Temperature Grease: Engineered to withstand extreme heat and maintain lubrication integrity even in the harshest operating conditions, ensuring consistent performance and longevity.

KYK High Temperature Greases are smooth Buttery brown in color available in NLGI 2 grades. The grease is recommended for use in all high operating temperature from -20 to +220 °C.

FEATURES

- Blend with highly refined mineral oil and additives
- With Stands High load and temperatures
- Provide anti-rust and anti-oxidant characteristics
- Excellent water washout property
- Copper Corrosion Resistant
- High Rolls Stability

S.No.	Characterstics	Test Method	Control Limits
1.	Appearance and Color	Visual	Smooth, Buttery & Brown
2.	NLGI Grade	ASTM D217	2
3.	Thickener	Formulation	Calcium Sulphonate
4.	Penetration worked 60X, @25°C	ASTM D217	265-295
5.	Base Oil, KV @ 40°C, cSt	ASTM D445	VG 460
6.	Base Oil Type	-	Mineral
7.	Dropping Point, °C	ASTM D2265	300 Min
8.	4 Ball Weld load (kgf)	ASTM D2596	315 Min
9.	Operating Temperature, °C	Internal	-20°C to +220°C

KYK PRECISION - Automotive Grease

Formulated to withstand the uneven temperatures created by both the external temperature conditions and the temperature generated by vehicle it self.

KYK Automotive Grease are available for various automotive bearings to increase the Life of the bearings, they are made of both Lithium and Lithium Complex thickeners

KYK Automotive Grease have 30000, 50000 and 100000 Kilometer warranty

FEATURES	APPLICATIONS
<ul style="list-style-type: none"> Smooth, homogeneous 	<ul style="list-style-type: none"> Excellent performance under heavily loaded conditions
<ul style="list-style-type: none"> High performance grease for heavy duty protection 	<ul style="list-style-type: none"> Recommended operating temperature from -20 to +160 °C
<ul style="list-style-type: none"> Provide anti-rust and anti-oxidant characteristics. 	
<ul style="list-style-type: none"> Provide longer service life even under abnormal weather conditions 	

Characteristics	Test Method	KYK Precision 30k	KYK Precision 50k	KYK Precision 100k
Appearance & Color		Smooth, Buttery & Blue	Smooth, Buttery & Red	Smooth, Homogeneous & Blue
NLGI Grade	ASTM D217	3	3	3
Thickener	Formulation	Lithium	Lithium	Lithium Complex
Penetration worked 60X, @25°C	ASTM D217	220-250	220-250	220-250
Base Oil, KV @ 40°C, cSt	ASTM D445	VG 150 (135-165)	VG 150 (135-165)	VG 220 (198-242)
Base Oil Type	-	Mineral	Mineral	Mineral
Dropping Point, °C	ASTM D2265	180 Min	180 Min	260 Min
4 Ball Weld load (kgf)	ASTM D2596	30k	200 Min	315 Min
Operating Temperature, °C	Internal	-20°C to +120°C	-20°C to +130°C	-20°C to +160°C

HANDLING AND STORAGE

- Handle grease containers with care, ensuring no damage to the packaging.
- When dealing with drums, load and offload them properly; never roll drums on the floor during transport.
- Promptly secure the lid on grease containers after use; never leave them open.
- Avoid using dirty scoops or hands to extract grease.
- Take precautions to prevent the entry of foreign particles into the grease.
- Refrain from using contaminated dispensing equipment.
- Shield grease containers from dust and chemical fumes.
- Store in a cool and dry environment.
- Protect from excessive heat or cold; avoid direct exposure to sunlight.
- Immediately transfer offloaded containers to a covered storage area.

KYK OFFICES

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INDUSTRIES WE SUPPLY



FOOD
PROCESSING



WIND POWER



COMMERCIAL
VEHICLES



CEMENT



STONE CRUSHER



AGRICULTURE



MARBLE



STEEL



THERMAL POWER



MINING



FAN



PASSENGER
VEHICLES



ESCALATORS



PUMPS & MOTOR



PAPER



RAILWAYS

OUR NETWORK



KYK[®]
LUBRICANTS

OSAKA, JAPAN



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