AKR LUBRICANTS™

Lubricating Engine Heart...



Specialized Solutions For

DYEING and COMPACTING & STENTER MACHINES







High Temperature Greases

Resistance to high temperature and humidity. Provides adequate protection against rust.

Water Resistant Greases

Excellent water washout property and rust protection.

High Temperature Chain Oils

Excellent lubrication with minimum evaporation loss and anti-wear property extends chain life

Maintenance Sprays

Multipurpose and other maintenance sprays, suitable for textile machine cleaning and lubrication.

+91 94888 18032

www.akrlubricants.com

GREASES

www.akrlubricants.com



Name		Technical Data	Operating Temperature	Application
AKR SPG -1500 Premium Synthetic High Temperature Grease		Synthetic Polyurea Yellow to White	-15°c to + 250°c	Anti-friction ball bearings operating under heavy loads and low to medium speeds. Can be used for rotating contacts subjected to sliding motion under heavy loads and vibration etc. Ideal for plastic parts involving sliding mechanism, plastic to metal lubrication etc.
AKR SPG - 1000 High Temperature Special Polyurea Grease		Synthetic Polyurea Light Blue	-45°c to + 150°c	Anti-friction ball bearings, ammonia handling machineries and equipments, conveyor equipments, motors, freezer card caster, aircraft instruments, meters, plastic gears, plastic parts involving sliding mechanism, plastic to metal lubrication.
AKR HTG - 695 High Temperature Fully Synthetic Polyurea Grease		Synthetic Polyurea Yellow, to White	-50°c to + 200°c	Anti-friction ball bearings operating under extremely high temperatures and medium to high speeds such as in oven conveyors, paint shop conveyors, defence equipments etc.
AKR HTG - 690 High Temperature Synthetic Grease		Synthetic Polyurea Yellow, to White	-50°c to + 260°c	Anti-friction ball bearings, ammonia handling machineries and equipments, conveyor equipments, motors, freezer card caster, aircraft instruments, meters, plastic gears, plastic parts involving sliding mechanism, plastic to metal lubrication.
AKR HTG - 685 High Temperature Semi Synthetic Polyurea Grease		Synthetic Polyurea Yellow, to White	-50°c to + 200°c	Anti-friction ball bearings, ammonia handling machineries and equipments, conveyor equipments, motors, freezer card caster, aircraft instruments, meters, plastic gears, plastic parts involving sliding mechanism, plastic to metal lubrication.
AKR HTLG - 1000 Very High Temperature and Heavy Load Grease		Mineral, Non Soap Moly, Black	-20°c to + 550°c	Conveyor bearings, oven chains, induced draft fan bearings, heavy duty earth moving equipments, drives, furnace door & hinges, agitator, mixers, pharmaceutical machinery, planetary mixers, multi mill etc.







GREASES

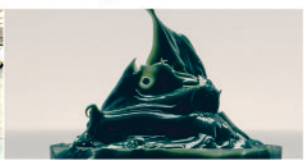
www.akrlubricants.com



Name		Technical Data	Operating Temperature	Application
AKR HTLG - 800 High Temperature Heavy Load Grease		Mineral, Non Soap Moly, Grey Black	-45°c to + 150°c	Top roller needle bearings of draw frames in textile industries. Also recommended for all bearings operating at high speeds and moderate loads.
AKR HTLG - 500 High Temperature Heavy Load Grease		Mineral Lithium Complex Light Green	-20°c to + 220°c	Specially recommended for bearings exposed to high temperatures such as in furnaces, rotary kilns, hot air fans, conveyor systems etc.
AKR HTG - 550 High Temperature and Heavy Load Grease		Mineral, Lithium, Complex Dark Green	-10°c to + 280°c	Specially recommended for bearings exposed to high temperatures such as in furnaces, rotary kilns, hot air fans, conveyor systems etc.
AKR HTG - 460 High Temperature Grease		Mineral Polyurea Yellow To Dark Brown	-20°c to + 220°c	All types of bearings and any similar mechanism, continuous casting and slipper type couplings, oven wagon bearings operating at elevated temperatures, bi-metallic bearings, Wire guides and slides etc.
AKR HTG - 480 High Temperature Heavy Load & Water Resistant Grease		Mineral Sulfonate Yellow To Dark Brown	-20°c to + 225°c	All types of plain & anti friction ball and roller bearings & bushings, rack and pinion, gears, linkages, slides, universal joints, kingpins, guides, chains, large mining shovels, excavators, drag lines, loaders, marine equipments etc. Recommended for all application involving heavy water ingress and contamination.
AKR HTG - 640 High Temperature Semi Synthetic Grease		Synthetic Lithium Complex to White	-45°c to + 180°c	Enclosed and open gear boxes (leaky gear boxes in Industrial and fleet applications that are difficult to service), various gear boxes in automotive and Industrial applications such as steering gears, rotary mower gear boxes, conveyor drive gear boxes, underground mine pressure gear systems, mobile Drilling equipments, esclator slide rails, paper folding machinery etc.



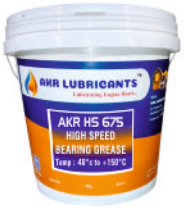




GREASES

www.akrlubricants.com



Name		Technical Data	Operating Temperature	Application
AKR HTG - 220 High Temperature & Water Resistant		Mineral Lithium Complex Shiny Blue	-20°c to + 220°c	All types of plain and anti friction ball and roller bearings and bushings, rack and pinion, gears, linkages, slides, universal joints, kingpins, guides, chains, centralised lubrication systems, electric motors, pumps, EOT cranes, forklifts and other greasing applications.
AKR HTG - 222 Plus Lithium Complex Grease		Mineral Lithium Complex, Blue	-15°c to + 160°c	All types of plain and anti friction ball and roller bearings and bushings, rack and pinion, gears, linkages, slides, universal joints, kingpins, guides, chains, centralised lubrication systems, electric motors, pumps, EOT cranes, forklifts and other greasing applications.
AKR HTG - 560 High Temperature Heavy Duty Grease		Mineral, Non Soap Red	-10°c to + 270°c	All types of plain and anti friction ball and roller bearings and bushings, rack and pinion, gears, linkages, slides, universal joints, kingpins, guides, chains, centralised lubrication systems, electric motors, pumps, EOT cranes, forklifts and other greasing applications.
AKR HTG - 360 High Temperature Moly Grease		Mineral, Non Soap Black	-25°c to + 265°c	For ball & roller bearings operating under high speed and high temperature, king pins, ball joints, gears, linkages, speed reducers, stenter fan bearings, i.d. fan bearing etc.
AKR HTG - 180 High Temperature Gel Grease		Mineral Lithium Calcium	-25°c to + 150°c	All types of plain and anti friction ball and roller bearings and bushings, rack and pinion, gears, linkages, slides, universal joints, kingpins, guides, chains, centralised lubrication systems, electric motors, pumps, EOT cranes, forklifts and other greasing applications.
AKR - HS 675 High speed Bearing Grease		Complex Lithium Blend of Synthetic Oil PTFE White to Off white NLGI#2	-40°c to +150°c	Centralised lubrication systems, FHP motors, instrument bearings, gear couplings, internal grinders, manhot spindles, universal joints, hand-tools etc. Can also be used for lubrication of top rollers in draw frame of textile units. It's a new micro film technology.







GREASES

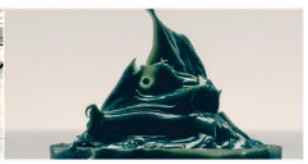
www.akrlubricants.com



Name		Technical Data	Operating Temperature	Application
AKR HTG - 450 High Temperature & Water Resistant Grease		Complex Mineral Blue	-20°c to + 180°c	All types of plain and anti friction ball and roller bearings and bushings, rack and pinion, gears, linkages, slides, universal joints, kingpins, guides, chains, centralised lubrication systems, electric motors, pumps, EOT cranes, forklifts and other greasing applications.
AKR HTG - 400 High Temperature Special Lithium Complex Greases		Mineral Lithium Complex Pacific Blue	-25°c to + 170°c	All types of plain and anti friction ball and roller bearings and bushings, rack and pinion, gears, linkages, slides, universal joints, kingpins, guides, chains, centralised lubrication systems, electric motors, pumps, EOT cranes, forklifts and other greasing applications.
AKR SIL G-400 SILICONE GREASES		Silicone Oil Inorganic White	-40°c to + 250°c	In high vacuum systems, laboratory & industrial stop-cocks for chemical duty, sealant for air-lines control valves & pneumatic systems. mould release agent to epoxy, polystyrene, PVC & other thermoplastics.
AKR FLUID GREASES Grade 0/00/000		Lithium Mineral	-20°c to + 120°c	Variable speed drives in enclosed gear boxes, PIV Gears and gear couplings, Centralized lubrication systems, internal grinders, for high speed semi-automatic power tools and packaging machines in pharmaceutical and metal working industries.
AKR 9140 PTFE GREASE High Temperature Greases		PFPE / PTFE White -20°c to + 288°c		Specially suitable for re-lubrication of load rollers, turn rollers & chain wheel bearings in conveyors & rolling bearings subject to high loads which were initially lubricated with, can also be used for the re-lubrication of grease-lubricated fabric conveyor chains in textile machinery. Also suitable for the lubrication of contacts in high-voltage switches. For long-term or lifetime lubrication of rolling and plain bearings subject to high temperatures, and for slide ways in tyre moulds. For lubrication of electric motors, driers, calenders, kiln carts, fans, baking machinery, continuous particle board & laminate presses, vacuum pumps, film stretching machinery.
AKR FG-100 Food Grade Greases		Calcium Soap Food Grade Light Yellow -25°c to + 140°c		Multipurpose & can be used for all grease applications in a food processing plant where non-EP, multipurpose greases are suitable. For use wherever food and food products may be subjected to incidental contact with the lubricant. It will satisfactorily lubricate most machinery & equipment used in producing, manufacturing, packaging, processing, preparing, treating, transporting, or holding food. Suitable for plain & anti- friction bearings, slides, guides, & other moving parts. For lubrication & sealing of cocks & seals, even for lubrication of cocks in breweries. For all grease lubricated machinery in canneries, beverage bottlers.







OILS

www.akrlubricants.com



Name		Technical Data	Flash Point	Application
AKR - HTS 1000 High Temperature Synthetic Chain Oil		Synthetic Oil Yellow -30°c to + 260°c	+300°c	All types of transmission chains operating under heavy loads & high temperature like stenter chains, conveyor chains, powder coating machines, bearings of paint oven & furnaces etc.
AKR HTS 650 High Temperature Synthetic Chain Oil		Synthetic Oil Pale Yellow -30°c to + 250°c	+280°c	It is also used for synthetic leather cloth stenter applications and circular looms. It can also be used for high temperature conveyor bearings of paint ovens and furnaces etc.
AKR Stenter Oil High Temperature Stenter Chain Oil		Synthetic Water White -25°c to + 250°c	+280°c	All types of transmission chains operating under heavy loads & high temperature like stenter chains, conveyor chains, powder coating machines, bearings of paint oven & furnaces etc.
AKR HTS - 600/2 High Temperature Chain Oil		Synthetic Light Yellow -30°c to + 250°c	+260°c	All types of transmission chains operating under heavy loads & high temperature like stenter chains, conveyor chains, powder coating machines, bearings of paint oven & furnaces etc.
AKR HTCO - 450 High Temperature Chain Oil		Synthetic Light Yellow -30°c to + 230°c	+260°c	All types of transmission chains operating under heavy loads & high temperature like stenter chains, conveyor chains, powder coating machines, bearings of paint oven & furnaces etc.
AKR HTS - 600 High Temperature Semi Synthetic Chain Oil		Synthetic Bright Yellow -30°c to + 230°c	+250°c	All types of transmission chains operating under heavy loads & high temperature like stenter chains, conveyor chains, powder coating machines, bearings of paint oven & furnaces etc.







OILS

www.akrlubricants.com

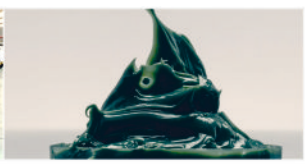


Name		Technical Data	Flash Point	Application
AKR - PG Series 100, 150 220, 320, 460		PAG, Synthetic (Yellow)	+260°c	Enclosed gear drives, transmission chains, centralised lubrication systems. As a running-in-oil for OEMs. Heavy duty earth moving & excavating equipments.
AKR - PAO Series 100, 150 220, 320, 460		PAO, Synthetic (Yellow)	+250°c	Enclosed Gear drives, Transmission chains, Heavily loaded low speed antifriction bearing, Centralized lubrication systems. As a running-in-oil for OEMs. Can also be used for Industrial bearings (journal and rolling contact), drives for conveyors, agitators, dryers, mixers, pumps etc
AKR SSG - Series Speciality Gear Oils 150, 220, 320, 460		Semi Synthetic (Dark Yellow)	+240°c	Enclosed Gear drives, Transmission chains, Heavily loaded low speed antifriction bearing, Centralized lubrication systems. As a running-in-oil for OEMs. Can also be used for Industrial bearings (journal and rolling contact), drives for conveyors, agitators, dryers, mixers, pumps etc
COPPER PASTE AKR CP-1100 Anti - Seize Copper Compound		Shiny Brown -20°c to + 1100°c	None	Threaded connections, nuts and bolts of steam / gas /chemical pipelines, assembly compound for cylinder heads, press fits, slipper pads, propeller shafts, heavy duty marine and oil rig machines. As lubricant for slow speed heavily loaded swivel and journal bearings, large gears, and rotary kilns.

Heat Transfer Oils	• Hytherm Synthetic 600 • High Performance Synthetic Heat Transfer Oils
Automotive Lubricants	• Industrial Gear Oils • Grade : 90, 100, 140, 150, 220, 320, 460 • Multi Grade Engine Oils 15W40, 20W40 • Multi Purpose Greases
Sewing Machine Oils	• AKR - HS Series • High Performance Special Grade Sewing Machine Oils • HS-32, HS-46, HS-68, HS-100
Aerosol Products	• AKR - Dry Lube - Spindle Spray • AKR - Chain Lube Spray • AKR - Cleaner Spray • AKR - 601 Multi Functional Spray









DISTRIBUTOR

AKR LUBRICANTS™

Lubricating Engine Heart...

342, CHELLAMAL COLONY, SAMUNDIPURAM TIRUPUR - 641603

www.akrlubricants.com | akrlubricants21@gmail.com

+91 94888 18032

+91 97900 28043