



HIGH PERFORMANCE OILS & GREASES

TREAT YOUR EQUIPMENT LIKE A KING™



## AGRICULTURAL LUBRICANT GUIDE



### LUBRICATION RELIABILITY

Each season, a farmer's operation relies on a variety of equipment to work efficiently without fail. Royal's lubes and greases are designed to increase reliability, reduce downtime, enhance performance and increase the life span of components.

Royal has a superior line of oils and greases to meet the needs of all your agricultural applications

GREASE COLOR: GREEN



### ROYAL COTTON PICKER SPINDLE GREASE

Formulated for protection of cotton picker spindle heads, can be used in general purpose applications where a NLGI #00 is recommended. Extra protection against wetting agents, defoliants, and plant fluids.



LITHIUM 12 HYDROXY

- CORROSION PROTECTION
- ANTI-WEAR



### ROYAL COTTON PICKER SPINDLE CLEANER

A water-soluble, oil-based cleaner that is non-flammable when mixed with water of any hardness. Correct use of this product will clean dirt, plant materials and other foreign contaminants from the spindles resulting in less wrapping and staining — yielding cleaner cotton.



CLEANING AGENT



### MONARCH DIESEL ULTRA SEMI-SYN API CK-4 SAE 10W-30

Formulated with a combination of synthetic and Group II base oils—and a tailored additive package. Designed for extended drain service in the most demanding applications, it meets or exceeds API Service Category CK-4, as well as the latest OEM's engine specs.



PREMIUM ENGINE OIL

- LOW TEMPERATURE
- VISCOSITY CONTROL
- SHEAR STABILITY
- CORROSION PROTECTION

ADVANCED ISOGOLD™ TECHNOLOGY



### DIESEL SUPREME ULTRA API CK-4 SAE 15W-40

Premium HD diesel engine oil providing exceptional wear for longer engine life, superior engine cleanliness, improved oxidation control at higher temperatures, and improved oil aeration. API CK-4, CJ-4, CI-4 Plus.



PREMIUM ENGINE OIL

- EXTENDED SERVICE
- HIGH TEMPERATURE
- CORROSION PROTECTION

ADVANCED ISOGOLD™ TECHNOLOGY



### DIESEL SUPREME PLUS API CI-4 SAE 15W-40

Formulated for Heavy-duty diesel trucks and stationary engines. Excellent corrosion protection, controls sludge deposits and minimizes valve and combustion chamber deposits.

Suitable for matured models (2007 or older).



PREMIUM ENGINE OIL

- LOW TEMPERATURE

ADVANCED ISOGOLD™ TECHNOLOGY



GREASE COLOR: AMBER



## ROYAL SUGAR MILL GREASE

Specially designed for lubricating sugar mill crusher roll journal bearings, bushings, and open gears. This high-performing grease is based on modified calcium thickeners, encapsulating over-based sulfonate wafers to combat the most severe operating conditions.

**NLGI 1.5** **ISO 1000**

### CALCIUM SULFONATE COMPLEX

- EXTREME PRESSURE
- WATER RESISTANT
- SHOCK LOAD
- CORROSION PROTECTION

**ADVANCED ISOGOLD™ TECHNOLOGY**

GREASE COLOR: RED



## ROYAL 876 GREASE

A heavy-duty lithium complex grease designed for high-load capabilities. Formulated with high-viscosity base oils and a synergistic combination of high-quality extreme pressure (EP) and heavy-duty additives, it offers excellent structural and oxidative stability and high resistance to water washout. Also contains a tackiness additive enhancing stay-in-place properties.

**PERFORMANCE KING** **NLGI 1 2** **ISO 460**

### LITHIUM COMPLEX

- EXTREME PRESSURE
- WATER RESISTANT
- EXTENDED SERVICE
- HIGH TEMPERATURE
- HIGH VISCOSITY
- HIGH TACK

GREASE COLOR: BLACK



## CROWN ROYAL MOLY EP GREASE

This high-temperature lithium complex grease is fortified with molybdenum disulfide and graphite to provide excellent protection against shock loading and extreme pressures in harsh environments. These characteristics are especially valuable in heavy-duty applications with sliding or oscillating motion.

**NLGI 1 2** **ISO 220**

### LITHIUM COMPLEX

- EXTREME PRESSURE
- HIGH TEMPERATURE
- SHOCK LOAD
- CORROSION PROTECTION

**ADVANCED ISOGOLD™ TECHNOLOGY**

GREASE COLOR: GREEN



## ROYAL 98 GREASE

This multipurpose lithium complex grease contains antioxidants, corrosion inhibitors, EP/AW additives and meets or exceeds NLGI GC/LB specifications. It is recommended for extended service in a wide range of heavy-duty equipment and high-temp wheel bearings, roller & ball bearings, throw-out bearings, fifth wheel, and many other applications.

**NLGI 1 2 3** **ISO 220**

GREASE COLOR: BLUE-GREEN

### LITHIUM COMPLEX

- EXTREME PRESSURE
- WATER RESISTANT
- EXTENDED SERVICE
- HIGH TEMPERATURE
- HIGH TACK



## ROYAL ULTRA 865 GREASE

Recommended where high-load carrying, corrosion-resistant grease is required. Outstanding film strength and resistance to corrosive saltwater environments. An excellent high-temperature grease that works well in and around water. This product is environmentally friendly and contains no heavy metals.

**PERFORMANCE KING** **NLGI 1 2** **ISO 220**

### CALCIUM SULFONATE COMPLEX

- EXTREME PRESSURE
- WATER RESISTANT
- EXTENDED SERVICE
- HIGH/LOW TEMPERATURE
- CORROSION PROTECTION

# SUPERIOR PERFORMANCE FOR EXTREME ENVIRONMENTAL CONDITIONS



## POWER TECH® SUPER HYDRAULIC FLUID

Powertech Super Hydraulic Tractor Fluid is a specially formulated semi-synthetic with unique components and is designed as a “one fluid” for use in all Kubota farm tractor hydraulic systems, transmissions, differentials and wet brake systems.



PREMIUM TRACTOR FLUID

- 🌡️ HIGH/LOW TEMPERATURE
- 🛡️ CORROSION PROTECTION



## POWER TECH® UNIVERSAL TRACTOR HYDRAULIC FLUID

Multipurpose tractor hydraulic fluid designed for use in all OEM equipment with combined transmission, differential, wet brakes, hydraulic, and hydrostatic systems. Protects your equipment better than the competition. Recommended for all modern OEM UTF tractor hydraulic systems.



PREMIUM TRACTOR FLUID

- 🌡️ LOW TEMPERATURE
- 🔥 HIGH VISCOSITY
- 🛡️ CORROSION PROTECTION



## POWER TECH® UDT HYDRAULIC FLUID

Multipurpose tractor hydraulic fluid designed for use in all OEM equipment with combined transmission, differential, wet brakes, hydraulic, and hydrostatic systems. Protects your equipment better than the competition. Recommended for use in Kubota Tractors requiring UDT Fluids.



PREMIUM TRACTOR FLUID

- 🌡️ LOW TEMPERATURE



## POWER TECH® SPECIAL PURPOSE J20C

A special blend of high quality paraffinic base oil, a high performance additive system, and a shear stable viscosity index improver. It prevents wear in heavily loaded transmissions and differential gear assemblies, for most modern tractors. Recommended for John Deere tractors.



PREMIUM TRACTOR FLUID

- 🌡️ HIGH/LOW TEMPERATURE
- 🛡️ CORROSION PROTECTION



## ROYAL CORNHEAD GREASE

Formulated specifically for use in corn head gear cases and most other slow moving gear box applications requiring an NLGI 0 grease. Royal Cornhead grease is fortified with extreme pressure additives, rust and corrosion inhibitors, exhibits good high-temperature operation, low-temperature pumpability and resists water washout.



GREASE COLOR: GREEN

POLYUREA

- 🛡️ EXTREME PRESSURE
- ☔ WATER RESISTANT
- ⚙️ EXTENDED SERVICE
- 🌡️ HIGH/LOW TEMP
- 🚀 HIGH SPEED



HIGH PERFORMANCE OILS & GREASES

# PROTECT EQUIPMENT COMPONENTS & MOVING PARTS WITH RELIABLE LUBES & GREASES

## GREASE USE

Lithium Complex

ROYAL 876 (RED)

CROWN ROYAL MOLY (BLACK)

ROYAL 98 (BLUE)

PAGE 4

## FINAL DRIVE

- Gear teeth
- Bearings

POWERTECH SUPER

POWERTECH J20C

POWERTECH UTF

POWERTECH UDT HYDRAULIC FLUID

PAGE 5-6

## ENGINE

MONARCH DIESEL ULTRA  
SEMI-SYN API CK-4 SAE 10W-30

DIESEL SUPREME ULTRA  
API CK-4 SAE 15W-40

DIESEL SUPREME PLUS  
API CI-4 SAE 15W-40

PAGE 2

## HYDRAULICS

- Pistons
- Bearings

POWERTECH UTF

POWERTECH UDT HYDRAULIC FLUID

POWERTECH SUPER

POWERTECH J20C

PAGE 5-6

## TRANSMISSION

- Gear teeth
- Clutch friction plate
- Seals

POWERTECH SUPER

POWERTECH J20C

POWERTECH UTF

POWERTECH UDT HYDRAULIC FLUID

PAGE 5-6

## WET BRAKES

- Friction plates

POWERTECH SUPER

POWERTECH J20C

POWERTECH UTF

POWERTECH UDT HYDRAULIC FLUID

PAGE 5-6

## AXLES

- Differentials
- Gear teeth
- Bearings

POWERTECH SUPER

POWERTECH J20C

POWERTECH UTF

POWERTECH UDT HYDRAULIC FLUID

PAGE 5-6

