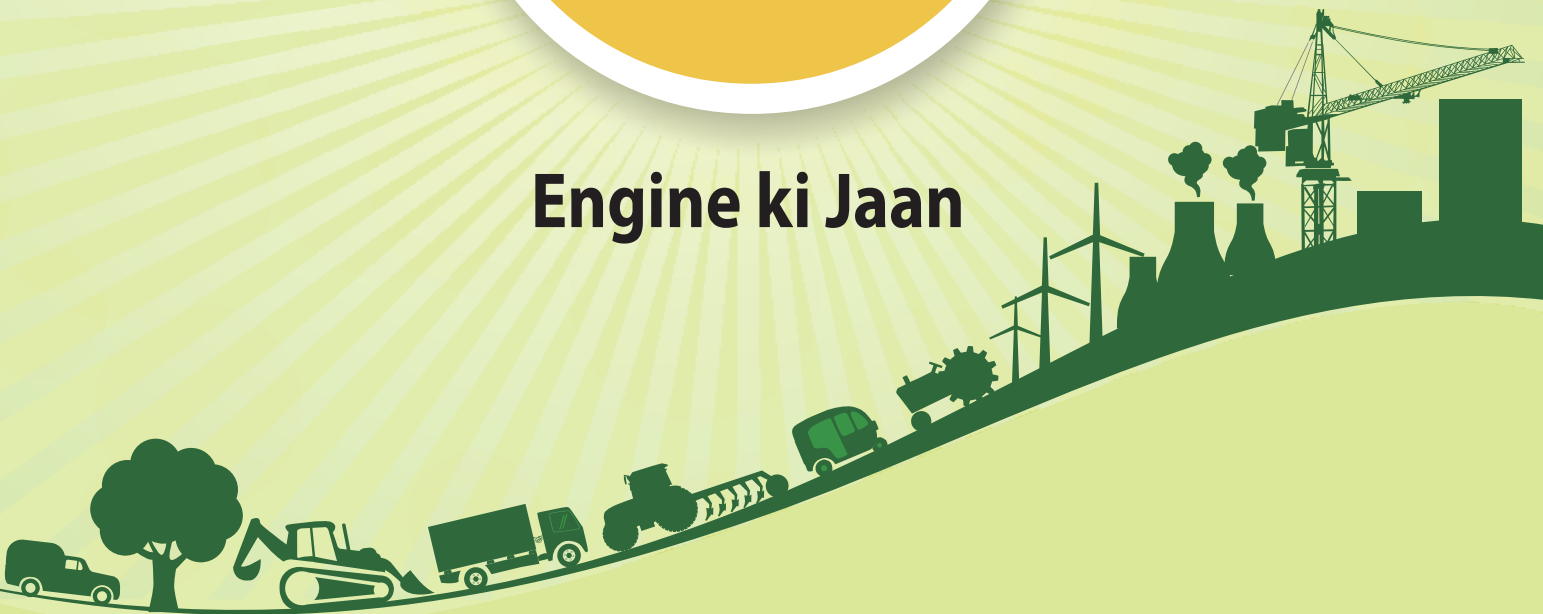




Enriching Lives

# KIRLOSKAR K-Shakti Oil & Greases Range

Engine ki Jaan



KIRLOSKAR OIL ENGINES LIMITED

## KIRLOSKAR K-SHAKTI PUMP SET OIL (API CC/SC SAE 20W40)



Applications:  
Pump Set

Available in  
0.5, 1, 1.2, 3.5 & 5 liters pack

### FEATURES:

- Kirloskar K-Shakti (API CC/SC SAE 20W40) Pump Set Oil is specially blended Pump Set Oil
- It is suitable for naturally aspirated diesel pump sets
- It protects engines from internal rust and corrosion
- It resists engine oil thickening
- It reduces oil consumption and reduces maintenance cost
- Use of best quality additives releases maximum engine power output

### SPECIFICATIONS:

- Kirloskar K-Shakti (API CC/SC SAE 20W40) Pump Set Oil is multi-grade, all round the year pump engine oil
- It has good detergency properties to keep the engines clean
- Kirloskar K-Shakti (API CC/SC SAE 20W40) Pump Set Oil meets API-CC, IS-13656, Type-E-DL1, MIL-L-21048 requirements

## KIRLOSKAR K-SHAKTI DIESEL ENGINE OIL (API CC/SC SAE 20W40)



Applications:  
Diesel Engines, Genset

Available in  
1, 3.5, 4, 5, 7.5, 10,  
20 & 210 liters pack

### FEATURES:

- Kirloskar K-Shakti (API CC/SC SAE 20W40) Diesel Engine Oil is specially blended Diesel Engine Oil
- It is suitable for naturally aspirated diesel engines and pump sets
- It protects engines from internal rust and corrosion
- It resists engine oil thickening
- It reduces oil consumption and reduces maintenance cost
- Use of best quality additives releases maximum engine power output

### SPECIFICATIONS:

- Kirloskar K-Shakti (API CC/SC SAE 20W40) Diesel Engine Oil is multi-grade, all round the year engine oil
- It has good detergency properties to keep the engines clean
- Kirloskar K-Shakti (API CC/SC SAE 20W40) Diesel Engine Oil meets API-CC/SC, IS-13656, Type-EDL1, MIL-L-21048 requirements

#### FEATURES:

- Kirloskar K-Shakti (API CD/CF SAE 20W40) Engine Oil is specially blended engine oil that enhances oil drains period
- It is recommended for naturally aspirated diesel engines
- It guards engines from internal rust and corrosion
- Use of best quality additives enables maximum realisation of power output

#### SPECIFICATIONS:

- Kirloskar K-Shakti (API CD/CF SAE 20W40) Engine Oil is multi-grade, all round the year oil formulated to meet MACK-T7 requirements to resist oil thickening
- It has good detergency properties to keep the engines clean
- Kirloskar K-Shakti (API CD/CF SAE 20W40) Engine Oil meets API-CD, IS-13656, Type-E-DL3 requirements

## KIRLOSKAR K-SHAKTI ENGINE OIL (API CD/CF SAE 20W40)



Applications:  
Pre 2000 norms engines,  
LCVs, Gensets

Available in  
1, 5, 7.5 & 10 liters pack

For  
Turbo  
Charged  
Engine

## KIRLOSKAR K-SHAKTI SUPER OIL (API CF-4 SAE 15W40)



Applications:  
Pre 2000 norms engines,  
LCVs, Gensets

Available in  
1, 5, 7.5 & 10 liters pack

#### FEATURES:

- Kirloskar K-Shakti (API CF-4 SAE 15W40) Super Oil is all round the year engine oil formulated to extend engine service life
- It is suitable for naturally aspirated and turbo charged diesel engines
- Super oil protects engines from internal rust and corrosion
- It resists engine oil thickening
- Kirloskar K-Shakti (API CF-4 SAE 15W40) Super Oil reduces consumption and reduces maintenance cost
- Use of best quality additives enables maximum realisation of engine power output

#### SPECIFICATIONS:

- Kirloskar K-Shakti (API CF-4 SAE 15W40) Super Oil is multi-grade, all round the year engine oil formulated to extend engine service life
- It has good detergency properties to keep the engines clean
- Kirloskar K-Shakti (API CF4 SAE 15W40) Super Oil confirms to API-CF4, IS-13656, Type-E-DL4, performance requirements meeting Euro I/ BS-I norms requirements

## K-SHAKTI HYDRAULIC HIGHWAY 46



### Typical Properties

Parameters	Specifications
Kinematic Viscosity @ 40°C, cSt	44.0 - 48.0
Viscosity Index, Min.	135
Flash Point, COC, °C, Min.	200
Pour Point, °C, Max.	(-) 24

### Applications:

Mobile, Construction & Agricultural Equipments, Hydraulic systems

### Available in

20, 26, 55, 210 liters pack

### DESCRIPTION :

K-SHAKTI HYDRAULIC HIGHWAY 46 grade is premium grade shear stable high viscosity index hydraulic oils with low pour points to withstand wide variations of ambient and operating temperatures. It contains special anti-wear additive package that reduces wear, rust, oxidation, etc, with good hydrolytic stability and water separation characteristics to provide excellent filterability. These oils are compatible with most of the seals normally used in hydraulic systems.

### APPLICATION :

K-SHAKTI HYDRAULIC HIGHWAY 46 grades is mainly recommended for high pressure hydraulic systems of mobile, construction and agricultural equipments, Hydraulic systems requiring anti-wear and anti corrosion oils, high pressure and power transmission systems, excavators and other suitable industrial applications where such type of oils are recommended.

### PERFORMANCE LEVEL :

Meets IS: 11656 -1986 (RA2002), DIN 51524 Part III

### BENEFITS :

- High viscosity index and low pour point for wide range of operating temperatures.
- Outstanding anti-wear and anti-corrosion properties.
- Excellent air-release property
- Good oxidation stability
- Compatible with most of seal materials commonly used in hydraulic systems.

## K-SHAKTI HYDRAULIC HIGHWAY 68



### Typical Properties

CHARACTERISTICS	HVLP 68
Kinematic Viscosity @ 40°C, cSt	68.0 - 72.0
Viscosity Index, Min.	135
Flash Point, COC, °C, Min.	220
Pour Point, °C, Max.	(-) 24

### Applications:

Hydraulic systems of excavators and other suitable industrial applications

### Available in

20, 26, 55, 210 liters pack

### DESCRIPTION :

K-SHAKTI HYDRAULIC HIGHWAY 68 grade is premium grade shear stable high viscosity index hydraulic oil with low pour points to withstand wide variations of ambient and operating temperatures. These multi viscosity oils contain special anti-wear additive package that reduces wear, rust, oxidation, etc, with good hydrolytic stability and water separation characteristics to provide excellent filterability. Also excellent antifoam and air release properties provide smooth operation and increase the system efficiency. These oils are compatible with most of the seals normally used in hydraulic systems.

### APPLICATION :

K-SHAKTI HYDRAULIC HIGHWAY 68 grades is mainly recommended for high pressure hydraulic systems of excavators and other suitable industrial applications where such type of oils are recommended.

### PERFORMANCE LEVEL :

Meets IS: 11656 -1986 (RA2002), DIN 51524 Part III

#### DESCRIPTION :

K-SHAKTI TQ is formulated to meet General Motors Automatic Transmission Fluid Type-A Suffix A specifically required for synchromesh Transmission and power Steering units. The highly refined base oils and proven performance additives used in this oil provide enhanced thermal stability, frictional characteristics and rust corrosion protection.

#### APPLICATION :

Recommended for use in Automatic transmissions and Power Steering Units in commercial vehicles. It is also recommended for use in new generation Tractors, Dumpers, Loaders, Excavators etc., where use of such type of transmission fluid is recommended.

#### BENEFITS :

- Provides good anti-wear protection to critical parts
- Good foam control leads to smooth gear shifting
- Compatible with all common seal materials
- Good oxidation and thermal stability reduces deposit formation
- Extremely high Viscosity Index ensures adequate lubrication in both high operating & low starting temperatures
- Offers smooth operation, over a wide range of ambient temperatures because of its fluids characteristics
- Good foam control leads to smooth gear shifting
- Compatible with all common seal materials.

#### PERFORMANCE LEVEL :

General Motors Type A (Suffix A)

## K-SHAKTI TQ



#### Typical Properties

Properties	Specification
Colour	Red
K.V. 100°C,cSt	7.4 - 7.9
Viscosity Index Min.	160
Flash Point,COC,°C	174
Pour Point,°C	(-)39 Max

#### Applications:

Automatic transmissions and Power Steering Units

#### Available in

0.5, 1, 5, 10,17, 20 liters pack

## K-SHAKTI HYDRAULIC & GEAR OIL 80W90



#### Typical Properties

Parameters	80 W 90
Viscosity @100°C,cSt	13-15
Viscosity Index,Min.	90
Flash Point COC,°C,Min.	165
Copper Corrosion at 100°C for 1 hour	1 B

#### Applications:

Manual Transmissions, Rear Axle, Automotive Hydraulic Gear Units

#### Available in

1, 5, 10, 26 liters pack

#### DESCRIPTION :

K-SHAKTI Trans Gear 80W90 is hydraulic Gear Oil formulated to give good oxidation Stability for long service life. These oils contain Extreme Pressure (EP) additives to withstand high temperature and pressure encountered during power transmission. In addition, it also contains Pour Point Depressant to prevent the lubricant from Channeling at low temperature. These are manufactured from selected high Quality Base Oils.

These are all season, Extreme Pressure Gear Oils for hydraulic gears operating under high speed, high torque conditions. These are ideal for manual transmissions, rear axle, automotive hydraulic gear units and fluid lubricated universal joints.

#### BENEFITS :

1. Maximizes equipment life by resisting gear wear and scuffing
2. Long service life by resisting oxidation and oil thickening
3. Protection against corrosion of ferrous and non-ferrous components
4. Prevents loss of lubricant from foaming

#### PERFORMANCE LEVEL :

API GL-4

MIL-L-2105

IS 1118:92 EP TYPE GL-4

## K-SHAKTI THREE WHEELER OIL (API CH4 15W40)



Applications:  
Three Wheeler, Small 4 wheelers  
(Cargo & Passenger)

Available in  
1, 3.5 liters pack

### FEATURES:

Kirloskar K-Shakti Three Wheeler Oil is an API CH4 15W40 extra premium quality heavy duty diesel engine oil. It is blended from highly refined base stocks and with advanced additives, that offer best possible lubrication.

### BENEFITS:

- Kirloskar K-Shakti (API CH4 15W40) Three Wheeler Oil reduces oil consumption
- It gives Outstanding rust and corrosion protection
- It gives Excellent engine cleanliness and wear protection

### APPLICATIONS:

Three Wheeler, Small 4 wheelers (Cargo & Passenger)

## K-SHAKTI GREASE AP3



### Typical Properties

Properties	Specification
Type of soap	Lithium
Colour	Brown
Worked Penetration,60 strokes @25°C	220-250
Drop point ,°C,Min.	180

Applications:  
All types of  
Automotive Applications

Available in  
0.2, 0.5, 1, 5 liters pack

### DESCRIPTION :

K-Shakti Grease AP-3 is premium quality lithium based all-purpose automotive grease manufactured from superior quality base stocks with specially selected additives and having high drop points, good thermal stability, resistance to oxidative and structural stability .This grease provides protection against rust , corrosion and water wash out.

### APPLICATION :

K-Shakti AP3 grease is suitable for all types of automotive applications

### PERFORMANCE LEVEL :

IS -12203 1999 (RA-2004) Requirements

# API-CI4 SAE 15W40. (MULTIGRADE DIESEL ENGINE OIL)



## DESCRIPTION :

CI4 SAE 15W-40 is premium high performance multi grade diesel engine oil manufactured from imported high quality base stocks. It is fortified with specially selected organo metallic detergents and ashless dispersant to combat soot induced oil thickening and wear.

## APPLICATION :

It is recommended as extended drain service engine oil for new generation low emission Bharat stage III compliant diesel engines. Operating under most severe conditions using low or high sulphur diesel fuels

## BENEFITS :

- Excellent wear protection
- Excellent anti oxidation properties
- Minimizes deposit formation
- Longer engine rebuild life
- Extended drain service interval. 500 Hours for Tractors and Gensets, 40000 Kms for HCV.
- Lowers operating costs
- Reduces maintenance cost
- Reduces fuel consumption

## PERFORMANCE LEVEL :

API CI-4/API CI4 /SL, Meets MB 228.3, ACEA E-7

### Typical Properties

Properties	Specification
Appearance	Clear and Bright
K.V. 100°C,cSt	14-15.5
Viscosity Index Min.	125
Flash Point,COC,°C	200
TBN mg KOH/gm.	9 Min.
Pour Point,°C	(-)24 Max

### Applications:

Low Emission Diesel Engines  
meeting BS III/BS IV Emission norms

Available in  
12, 15 liters pack



PRODUCT	GRADE	AVAILABLE PACK SIZES (Lt.)
K-Shakti Pump Set Oil	API CC/SC SAE 20W40	0.5, 1, 1.2, 3.5, 5
K-Shakti Deisel Engine Oil	API CC/SC SAE 20W40	1, 3.5, 4, 5, 7.5, 10, 20, 210
K-Shakti Engine Oil	API CD/CF 20W40	1, 5, 7.5, 10
K-Shakti Super Oil	API CF-4 15W40	1, 5, 7.5, 10
K-Shakti Three Wheeler Oil	API CH-4 15W40	1, 3.5
K-Shakti Tractor Oil	API CD/CF 20W40	1, 5, 7.5, 10
K-Shakti Tractor Super Oil	API CF-4 15W40	1, 5, 7.5, 10, 50, 210
K-SHAKTI HYD & GEAR OIL	80W90	1, 5, 10, 26
K-SHAKTI TQ OIL	ATF TYPE A	0.5, 1, 5, 10, 17,20
K-SHAKTI HW 46 OIL	HVLP 46	20, 26, 55, 210
K-SHAKTI HW 68 OIL	HVLP 68	20, 26, 55, 210
KIRLOSKAR K-SHAKTI CI4	CI 4 15W40	12, 15
K-SHAKTI GREASE AP3 (MP3)(0.2 KG X 60 NOS.)	MP3	0.2, 0.5, 1, 5



**Help Desk: 1800 233 3344 (Toll Free Number)**

**E-mail: koel.helpdesk@kirloskar.com**

**Ahmedabad:** Ground Floor, D Block, Pruthvi Tower, Jodhpur Char Rasta, Ahmedabad - 380 015. Phone: +91 (79) 2692 9687, 2692 9689. **Bangalore:** 3rd Floor, Shri Lakshmi Complex, 15, St. Marks Road, Bangalore - 560 001. Phone: +91 (80) 2558 7562, 30578162, 30578163. Fax: +91 (80) 2558 7559. **Bhubaneswar:** 178 A, Zone-B, Mancheswar Industrial Estate, Bhubaneswar - 751 010. Phone: +91 (674) 2585064, 2586059, 2588047. Telefax: +91 (674) 2588021. **Chennai:** Nelson Tower, 1st Floor, 2nd Wing, 51, Nelson Manickam Road, Chennai - 600 029. Phone: +91(44) 23744624, 23744625. **Cochin:** No. 39/2694 A1, Anugraha, Panthiyil Lane, Warriam Road, Cochin - 682 016. Phone: +91 (484) 2385757, 2385758. Fax: +91 (484) 2385756. **Guwahati:** 29, GNB Road, Pan Bazar, Guwahati - 781 001. Phone: +91 (361) 2736016, 2736017, Telefax: +91 (361) 2736015. **Indore:** B-1, Ground floor, Radhakrishna complex, 10/1 Manoramagunj, A. B. Road, Indore - 452 001 Phone: +91 (731)- 3913100. **Jaipur:** Plot No. -3, Purohit Ji Ka Bagh, M I Road, Jaipur - 302 001. Phone: +91 (141) 2370007, 2370014. Fax: +91 (141) 2370018. **Kolkata:** 8th Floor, Poonam Building, Flat Nos. 8A and 8B, 5/2, Russel Street, Kolkata - 700 071. Phone: +91 (33) 2217 0858, 2217 0860, 2217 0861. Fax: +91 (33) 2217 0859. **Lucknow:** 498 / 143 KA, Faizabad Road, Near IT Collage Chauraha, Upper Floor of State Bank of Indore, Lucknow - 226 007. Phone: +91 (522) 2741440/42/43. Fax: +91 (522) 2741441. **Ludhiana:** Plot No. 12, NPC Tempo Union Street, Near Arjun Gas Godown Sherpur Chowk Ludhiana - 141 003. Phone: +91 (161) 254 6667, 2546669. Fax: +91 (161) 2546753. **New Delhi:** 4C / 6, Opposite Liberty Cinema, Above the bank of Baroda, Karolbagh, New Delhi - 110 005. Phone: +91 (11) 28715826 / 48195200. Fax: +91 (11) 28715494. **Secunderabad:** 5-2-220 to 222, 2nd Floor, Padmavathi Tower, Hyder Basti, Opp. Andhra Bank, Ranigunj, Secunderabad- 500 003. Phone: +91 (40) 27534197, 27534176. Telefax: +91 (40) 27534170.

### KIRLOSKAR OIL ENGINE LIMITED

Laxmanrao Kirloskar Road, Khadki, Pune 411 003 INDIA

Tel.: + 91 (20) 2581 5341, 2581 0341

Fax: + 91 (20) 2581 3208, 2581 0209

www.koel.co.in

Stamp of  
Authorised  
Representative