

CANROYAL Manila

PRODUCT GUIDE



canroyal
OIL LUBRICANTS

Drive
Wonders

Best Lubricants

Discover the latest Lubricant Oils, including advanced features, innovative mixtures, and superior performance.

The Future of Lubricants

Get a sneak peek into the future of the lubricant automotive industry, from passenger cars to industrial machinery.



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Welcome to **Canroyal Manila**. We are delighted to introduce our innovative, high-quality lubricants, engineered to surpass current standards for both safety and innovation.

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A safe journey begins with a high-performance lubricant. At **Canroyal Manila**, we understand this fundamental truth...



DISCLAIMER

This Product Data Guide provides a summary of Canroyal's main lubricants grades and its type. The information are in general nature and were not intended to comprehensive advice nor specified advice on product applications in individual circumstances. To the extent permitted by law, The Canroyal Oil Lubricants/dist. AL-Buraimi, Oman. Excludes all liability for any loss or damage which arises (Whether on the basis of negligence or otherwise) as a result of reliance on the contents of this product Guide. For specific advice, please contact the Canroyal Technical Advice Centre. The information (including OEM accreditations/ approvals) is current as at the time of printing, however, this guide may reflect upcoming changes to Canroyal's product range and associated pack change accordingly. The Lubricants product listed may not yet be available or they may not be available in the listed size or volume. Furthermore, information on the listed products or specialist products not listed may be obtained from the Canroyal Technical Advice Centre. This Product Guide is not an offer to supply product or services.

Please contact Canroyal Manila on Tel: +639171048588 | +639178763182 or Email: starrven@canroyalmanila.com | starven@canroyal.us if you wish to request the supply of products.

Terms and conditions apply.



About Us

Canroyal oil Lubricants/Dist. established in Year 2016 in the Sultanate of Oman at Buraimi Industrial Area-1. Canroyal oil Lubricants/Dist. has blossomed to a highly specialized, well integrated Establishment with a reputation for manufacturing and marketing quality products. The Plant is certified for Quality Management System ISO 9001-2015. Canroyal oil Lubricants/Dist blending excellence is thus transformed into total reliability for all its customers.



CANROYAL

Discover the World of Excellence with our Lubricants

Got questions or ready to schedule an appointment? Reach out to us!



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CATEGORIES

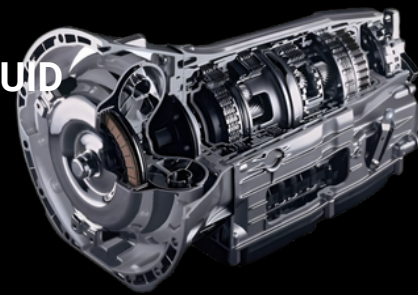
AUTOMOTIVE LUBRICANT

- CANROYAL FULL SYNTHETIC GASOLINE ENGINE OIL
- CANROYAL SYNTHETIC GASOLINE ENGINE OIL
- CANROYAL GASOLINE ENGINE OIL
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TRANSMISSION LUBRICANTS

- CANROYAL EXTREME POWER ATF - D-VI
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- CANROYAL UNIVERSAL ATF D-III
- CANROYAL UNIVERSAL ATF TYPE A
- CANROYAL SUPER SYNTHETIC GEAR OILS
- CANROYAL SUPER GEAR OILS EP



AUTOMOTIVE SPECIALITY

- CANROYAL BREAK FLUID
- CANROYAL ANTI-FREEZE ENGINE COOLANT
- CANROYAL RADIATOR ENGINE COOLANT
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- CANROYAL HYDRAULIC OILS AW 32
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- CANROYAL ULTRA OUTBOARD OIL 4T
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- CANROYAL MARINE OILS





AUTOMOTIVE
LUBRICANTS

CANROYAL FULL SYNTHETIC GASOLINE ENGINE OIL



CANROYAL FULL SYNTHETIC GASOLINE ENGINE OIL SAE 0W16

CANROYAL FULL SYNTHETIC GASOLINE ENGINE OIL SAE 0W16 API SP is a high-performance lubricant engineered for modern gasoline engines. Its low viscosity ensures smooth cold starts and improves fuel economy by reducing friction. This advanced oil provides superior protection against wear, high-temperature deposits, and offers excellent oxidation resistance for extended oil change intervals. Furthermore, it is compatible with modern emission control systems and provides crucial LSPI protection for turbocharged engines, maximizing engine life and performance.

TECHNICAL PROPERTIES:

Density at 15 °C	Kinematic Viscosity at 40 °C	Kinematic Viscosity at 100 °C	Flashpoint (COC)	Pour point	Total Base Number
0.848	38.5	7.50	228	-51	7.80

CANROYAL FULL SYNTHETIC GASOLINE ENGINE OIL SAE 0W20

CANROYAL FULL SYNTHETIC GASOLINE ENGINE OIL SAE 0W20 API SP is a high-performance lubricant meticulously designed for modern gasoline engines across various cylinder configurations. Its low viscosity ensures seamless engine operation, especially during cold starts, while actively reducing friction, aiding cooling, and preventing wear.

As the most advanced API classification, API SP amalgamates the benefits of previous standards, providing:

- Highest protection against high-temperature deposits.
- Superior oxidation resistance for prolonged oil life.
- Advanced wear protection for critical engine components.
- Superior friction reduction for enhanced fuel economy.
- Continued compatibility with modern emission control systems.

Crucially, it offers LSPI protection, vital for turbocharged engines, safeguarding against knocking and potential damage, ultimately maximizing engine life and performance.

TECHNICAL PROPERTIES:

Density at 15 °C	Kinematic Viscosity at 40 °C	Kinematic Viscosity at 100 °C	Flashpoint (COC)	Pour point	Total Base Number
0.848	43.5	8.25	228	-51	7.80



CANROYAL FULL SYNTHETIC GASOLINE ENGINE OIL SAE 0W40

CANROYAL FULL SYNTHETIC GASOLINE ENGINE OIL SAE 0W40 API SP is expertly formulated for gasoline engines, minimizing friction, aiding cooling, and preventing wear.

This oil is particularly suited for high-performance and high-mileage vehicles, performing optimally across various engine configurations and extreme temperatures. Meeting the highest API SP classification, it offers:

- Superior protection against high-temperature deposits.
- Enhanced oxidation resistance for extended oil life.
- Advanced wear protection for critical components.
- Superior friction reduction for improved fuel economy.
- Compatibility with modern emission control systems.
- Essential LSPI protection for turbocharged engines, preventing knocking and damage.

This comprehensive formulation ensures maximum engine life and performance.

TECHNICAL PROPERTIES:

Density at 15 °C	Kinematic Viscosity at 40 °C	Kinematic Viscosity at 100 °C	Flashpoint (COC)	Pour point	Total Base Number
0.855	83.5	14.10	230	-45	9.98

Packing: 1L, 4L, 5L, 25L, 208L, 1000L



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Health and Safety: This lubricant, when used in accordance with our recommendations and for the application for which it is intended, does not constitute any special hazard. A safety data file conforming to the requirements of current EC legislation is available from your local trade consultant.

CANROYAL FULL SYNTHETIC GASOLINE ENGINE OIL



CANROYAL FULL SYNTHETIC GASOLINE ENGINE OIL SAE 5W20

CANROYAL FULL SYNTHETIC GASOLINE ENGINE OIL SAE 5W20 API SP is a specialized lubricant engineered for modern gasoline-powered engines. It effectively diminishes friction, aids cooling, and safeguards against wear. Commonly utilized in contemporary vehicles, its optimized viscosity enhances fuel efficiency while ensuring balanced cold-weather performance. As the highest API classification, API SP provides comprehensive engine protection, featuring:

- Advanced resistance to high-temperature deposits.
- Prolonged oil lifespan through superior oxidation resistance.
- Exceptional wear protection.
- Reduced friction for improved fuel economy.
- Crucial LSPI protection for turbocharged engines, averting knocking and damage.

This formulation ensures peak engine performance and longevity.

TECHNICAL PROPERTIES:

Density at 15 °C	Kinematic Viscosity at 40 °C	Kinematic Viscosity at 100 °C	Flashpoint (COC)	Pour point	Total Base Number
0.851	38	7.68	228	-45	9.98

CANROYAL FULL SYNTHETIC GASOLINE ENGINE OIL SAE 5W30

CANROYAL FULL SYNTHETIC GASOLINE ENGINE OIL SAE 5W30 is a tailor-made lubricant for gasoline-powered engines, providing targeted lubrication and protection. It primarily reduces friction, aids cooling, and safeguards against wear. Widely favored in modern gasoline vehicles, its versatile viscosity ensures smooth flow across various temperatures. This oil meets the highest API classification, signifying advancements in:

- High-temperature deposit control.
- Oxidation resistance.
- Wear protection.
- Enhanced friction reduction for improved fuel economy.

Compatibility with modern emission control systems ensures optimal engine performance and minimized emissions.

TECHNICAL PROPERTIES:

Density at 15 °C	Kinematic Viscosity at 40 °C	Kinematic Viscosity at 100 °C	Flashpoint (COC)	Pour point	Total Base Number
0.855	69.43	11.93	228	-45	9.98



CANROYAL FULL SYNTHETIC GASOLINE ENGINE OIL SAE 5W40

CANROYAL FULL SYNTHETIC GASOLINE ENGINE OIL SAE 5W40 is a specialized lubricant expertly crafted for gasoline-powered engines. Its core functions include reducing friction, aiding cooling, and shielding against wear. This oil is widely applied in high-performance and turbocharged gasoline vehicles, adapting well to engines with multiple cylinder configurations due to its enhanced viscosity and superior protection properties. Meeting the highest API SP classification, it offers:

- Continuous advancements in controlling high-temperature deposits and resisting oxidation.
- Improved wear protection for engine components.
- Enhanced friction reduction, leading to better fuel economy.
- Compatibility with modern emission control systems ensures optimal engine performance and reduced emissions.

It is a trusted choice for comprehensive engine maintenance and performance optimization.

TECHNICAL PROPERTIES:

Density at 15 °C	Kinematic Viscosity at 40 °C	Kinematic Viscosity at 100 °C	Flashpoint (COC)	Pour point	Total Base Number
0.866	83.5	14.10	230	-45	9.98

Packing: 1L, 4L, 5L, 25L, 208L, 1000L



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CANROYAL DIESEL ENGINE OIL



CANROYAL FULL SYNTHETIC DIESEL ENGINE OIL SAE 10W30

CANROYAL FULL SYNTHETIC DIESEL ENGINE OIL SAE 10W30 is a robust lubricant meticulously formulated to meet the demanding requirements of diesel engines. Its advanced formulation effectively addresses challenges unique to diesel operations, including higher soot production and the need for enhanced shear stability. This oil meets stringent API specifications for diesel engine performance and protection, ensuring improved soot handling, crucial for preventing Diesel Particulate Filter (DPF) clogging in modern emission control systems. Furthermore, the 10W30 viscosity grade guarantees consistent performance across a broad range of temperatures, providing optimal lubrication from cold starts to high-temperature operating conditions.

TECHNICAL PROPERTIES:

Density at 15 °C	Kinematic Viscosity at 40 °C	Kinematic Viscosity at 100 °C	Flashpoint (COC)	Pour point	Total Base Number
0.867	77.55	11.8	220	-33	10.8

CANROYAL SEMI SYNTHETIC DIESEL ENGINE OIL SAE 15W40

CANROYAL SEMI-SYNTHETIC DIESEL ENGINE OIL SAE 15W40 is a robust lubricant precisely tailored for the demanding requirements of diesel engines operating under heavy loads and varied conditions. The 15W40 viscosity grade ensures consistent protection and lubrication across a wide temperature range, from cold starts to high-temperature operation. Its thick oil film at operating temperatures significantly enhances lubrication and maximizes engine protection. Meeting stringent API specifications for diesel engine performance, this oil features improved oxidation control and superior dispersancy. These properties actively reduce deposits and maintain engine cleanliness, thereby extending engine life and improving efficiency.

TECHNICAL PROPERTIES:

Density at 15 °C	Kinematic Viscosity at 40 °C	Kinematic Viscosity at 100 °C	Flashpoint (COC)	Pour point	Total Base Number
0.878	95.55	14.45	226	-33	11.4



CANROYAL DIESEL ENGINE OIL SAE 20W50

CANROYAL DIESEL ENGINE OIL SAE 20W50 is a robust lubricant formulated for diesel engines in hot climates and demanding, heavy-duty applications. Its 20W50 viscosity ensures reliable cold starts while maintaining optimal film strength at high operating temperatures, making it ideal for high-mileage and severe-service operations. Exceeding API standards, this oil excels in wear protection, oxidation control, and deposit control. These features collectively maintain engine cleanliness, leading to increased efficiency and extended lifespan. It consistently safeguards and maintains diesel engines, particularly in warmer environments and under demanding workloads.

TECHNICAL PROPERTIES:

Density at 15 °C	Kinematic Viscosity at 40 °C	Kinematic Viscosity at 100 °C	Flashpoint (COC)	Pour point	Total Base Number
0.866	83.5	14.10	230	-45	9.98

Packing: 1L, 4L, 5L, 25L, 208L, 1000L



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TRANSMISSION LUBRICANTS

CANROYAL TRANSMISSION LUBRICANTS



CANROYAL EXTREME POWER ATF - D VI

CANROYAL EXTREME POWER ATF D VI is a premium, full-synthetic automatic transmission fluid (ATF) engineered for exceptional performance across a wide range of vehicles. Formulated with high-purity synthetic base stocks, it provides superior resistance to high temperatures and oxidation, ensuring consistent viscosity and superior wear protection compared to older DEXRON-III fluids. Meeting stringent DEXRON-VI standards, this ATF delivers remarkably smoother gear changes even under demanding driving conditions. Its versatile formulation ensures broad compatibility with various domestic and import transmissions, including those requiring DEXRON-II, DEXRON-III, or specifically GM's DEXRON-VI fluids for transmissions built since 2006.

TECHNICAL PROPERTIES:

Density at 15 °C	Kinematic Viscosity at 40 °C	Kinematic Viscosity at 100 °C	Flashpoint (COC)	Pour point	Color Visual
0.847	30.2	6.1	208	-54	RED

CANROYAL EXTREME POWER FULL SYNTHETIC CVT FLUID

CANROYAL EXTREME POWER FULL SYNTHETIC CVT FLUID is an exceptional choice for Continuously Variable Transmissions (CVTs). It offers outstanding metal-to-metal frictional properties and ensures exceptional protection and sustained performance throughout manufacturer-recommended drain intervals. This fluid is Warranty Secure, meeting or exceeding vehicle manufacturer specifications, thereby preserving your vehicle's warranty. It serves as a cost-effective, high-performance alternative to original equipment manufacturer (OEM) fluids, providing reliable performance while optimizing maintenance costs.

TECHNICAL PROPERTIES:

Density at 15 °C	Kinematic Viscosity at 40 °C	Kinematic Viscosity at 100 °C	Flashpoint (COC)	Pour point	Color Visual
0.848	34.1	7.38	214	-45	RED



CANROYAL UNIVERSAL ATF TYPE A

CANROYAL UNIVERSAL ATF TYPE A is a mineral-based lubricant specifically designed for cost-effective performance in older automatic transmissions. Formulated with quality mineral base oils, its normal viscosity index ensures smooth shifting and reliable performance across a wide range of temperatures. This ATF offers improved fluidity at low temperatures for smoother cold starts and exceptional frictional properties for a comfortable driving experience. CANROYAL UNIVERSAL ATF TYPE A prioritizes both affordability and smooth operation for transmissions in older vehicles.

TECHNICAL PROPERTIES:

Density at 15 °C	Kinematic Viscosity at 100 °C	Flashpoint (COC)	Pour point	Color Visual
0.865	7.5	205	-27	RED

Packing: 1L, 4L, 5L, 25L, 208L, 1000L



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CANROYAL TRANSMISSION LUBRICANTS



CANROYAL FULL SYNTHETIC GEAR OIL SAE 75W90

CANROYAL FULL SYNTHETIC GEAR OIL SAE 75W90 is a premium lubricant engineered for exceptional performance in both transmissions and differentials. Its advanced, full-synthetic formula, fortified with sulfur-phosphorus extreme pressure (EP) additives, delivers outstanding wear protection and durability under heavy loads, ensuring superior gear component protection. This oil boasts improved frictional properties, making it compatible with limited-slip differentials for enhanced traction control. Furthermore, it provides superior protection against oxidation, corrosion, and rust, significantly contributing to extended gear life.

TECHNICAL PROPERTIES:

Density at 15 °C	Kinematic Viscosity at 40 °C	Kinematic Viscosity at 100 °C	Flashpoint (COC)	Pour point	Viscosity Index
0.861	86.1	14.4	214	-45	174

CANROYAL SYNTHETHIC GEAR OIL SAE 140

CANROYAL SYNTHETHIC GEAR OIL SAE 140 is a high-performance lubricant engineered for gearboxes operating under relentless pressure and extreme temperatures. Its advanced synthetic base stocks and specialized additives create an ultra-strong protective film, ensuring superior wear protection. This formulation delivers smoother gear changes, improved fuel efficiency through reduced friction, and extended oil life due to exceptional oxidation resistance. Furthermore, CANROYAL SYNTHETHIC GEAR OIL SAE 140 excels in cold weather, maintaining excellent flow even when temperatures plummet. These combined features make it ideal for demanding applications, from high-performance racing and heavy-duty axles to high-torque transmissions.

TECHNICAL PROPERTIES:

Density at 15 °C	Kinematic Viscosity at 100 °C	Flashpoint (COC)	Pour point	Viscosity Index
0.913	31.5	224	-9	82



CANROYAL SUPER GEAR OILS EP SAE 85W140

CANROYAL SUPER GEAR OILS EP are premium mineral automotive gear oils engineered with advanced extreme pressure (EP) additives and friction modifiers. Fully compliant with API GL-5 and MT-1, and numerous OEM specifications, these oils ensure exceptional protection for passenger cars, commercial trucks, and buses. Their formulation includes the correct dosage of limited-slip additive, negating the need for supplemental products in limited-slip differentials. Offering a range of mono-grade and multi-grade viscosities, they provide comprehensive lubrication across various automotive applications.

TECHNICAL PROPERTIES:

Density at 15 °C	Kinematic Viscosity at 100 °C	Flashpoint (COC)	Pour point	Viscosity Index
0.903	27.5	224	-27	103

Packing: 1L, 4L, 5L, 25L, 208L, 1000L



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AUTOMOTIVE
SPECIALITY

CANROYAL AUTOMOTIVE SPECIALITY



CANROYAL BRAKE FLUID DOT 5.1

CANROYAL Brake Fluid DOT 5.1 is a premium, high-performance brake fluid engineered to exceed the demands of modern, high-powered vehicles. Utilizing advanced polyethylene glycol ether technology, it delivers an exceptional minimum wet boiling point of 180°C, ensuring optimal braking performance and robust resistance to vapor lock, even under extreme heat and heavy braking.

CANROYAL Brake Fluid DOT 5.1 boasts excellent shear stability for consistent pedal feel and precise braking control. It also possesses superior anti-corrosion properties, protecting braking system components from rust and degradation to extend their lifespan. This versatile fluid is fully compatible with most existing DOT 3, DOT 4, and DOT 5.1 brake systems, making it a reliable choice for a wide range of automotive and commercial vehicles.

TECHNICAL PROPERTIES:

Density at 20 °C	Kinematic Viscosity at -40 °C	Kinematic Viscosity at 100 °C	Dry ERBP S.11, °C (min.)	Wet ERBP S.12, °C (min.)	pH S.14
1.069	810	2.16	276	188	7.5

CANROYAL BREAK FLUID DOT 4

CANROYAL Brake Fluid DOT 4 is a high-performance, synthetic fluid engineered for exceptional braking in modern vehicles. This versatile fluid performs flawlessly in passenger cars, commercial vehicles, motorcycles, and specialized equipment, supporting both drum and disc brake systems, including ABS and ASR.

Boasting an industry-leading high wet boiling point, it prevents vapor lock for consistent braking even under extreme conditions. Its superior anti-corrosion properties extend component life and minimize downtime. The low-viscosity formula ensures smooth performance in cold climates, while its lubricity minimizes wear. Compatible with most DOT 3 and DOT 4 systems, CANROYAL Brake Fluid DOT 4 offers a reliable choice for peak braking performance and system longevity.

TECHNICAL PROPERTIES:

Density at 20 °C	Kinematic Viscosity at -40 °C	Kinematic Viscosity at 100 °C	Dry ERBP S.11, °C (min.)	Wet ERBP S.12, °C (min.)	pH S.14
1.040	1200	2.6	264	164	8.5



CANROYAL BRAKE FLUID DOT 3

CANROYAL SUPER GEAR OILS EP is a range of premium mineral automotive gear oils formulated with modern extreme pressure (EP) additives and friction modifiers.

Meeting API GL-5 and MT-1 requirements, as well as numerous manufacturer specifications, these oils are suitable for passenger cars, commercial trucks, and buses. They contain the precise dosage of limited-slip additive, eliminating the need for an additional product in limited-slip differentials. Available in both mono-grade and multi-grade viscosities, CANROYAL SUPER GEAR OILS EP delivers robust performance across diverse automotive applications.

TECHNICAL PROPERTIES:

Density at 20 °C	Kinematic Viscosity at -40 °C	Kinematic Viscosity at 100 °C	Dry ERBP S.11, °C (min.)	Wet ERBP S.12, °C (min.)	pH S.14
1.040	1200	2.6	264	164	8.5

Packing: 1L, 4L, 5L, 25L, 208L, 1000L



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CANROYAL AUTOMOTIVE SPECIALITY



CANROYAL ANTIFREEZE RADIATOR COOLANT

CANROYAL ANTIFREEZE is a premium, long-life, pre-mixed coolant for heavy-duty vehicles and heating systems. Its advanced formula uses organic and inorganic inhibitors to provide superior, extended protection against corrosion, scale, and cavitation. It offers longer service intervals than conventional coolants and is suitable for a wide range of gasoline and diesel engines, including those in marine, agricultural, mining, and construction equipment. The low-silicate content optimizes heat transfer for maximum engine performance. For ease of use, it only requires mixing with demineralized water.

TECHNICAL PROPERTIES:

Specific Gravity 15.6 °C	Freeze point 50% Volume	Reserve Alkalinity ml (min.)	Flash Point (COC)	pH
1.13	-37	6.0	117	8.6

CANROYAL RADIATOR COOLANT

CANROYAL RADIATOR COOLANT is a ready-to-use, mono-ethylene glycol-based engine coolant for both petrol and diesel engines. It provides comprehensive protection against freezing, boiling, and corrosion across all cooling system components, including aluminum. This versatile coolant is suitable for passenger vehicles, 4WDs, light and heavy commercial vehicles, stationary engines, and motorcycles. It can be used for topping up Organic Acid Technology (OAT), Hybrid Type A anti-freeze/anti-boil coolants, and Type B inhibitor-only solutions, offering broad compatibility with various fuel types. Pre-diluted at 50% with demineralized water, it ensures convenient, immediate use.

TECHNICAL PROPERTIES:

Specific Gravity 15.6 °C	Freeze point 50% Volume	Reflux Boiling Point °C	pH
1.076	-37	106	9.1



CANROYAL FLUSHING OIL

CANROYAL Flushing Oil is a professional, solvent-free engine cleaning solution engineered to rapidly remove deposits, sludge, and contaminants during oil changes. Its non-detergent formula ensures broad compatibility across diverse engine types, including passenger cars, motorcycles, light and heavy-duty commercial vehicles, marine, agricultural, mining, and industrial equipment. In just 10 minutes, CANROYAL Flushing Oil effectively dissolves and removes harmful deposits. Fortified with zinc, it offers crucial wear protection during the cleaning process, facilitating a smooth transition to fresh oil. Its gentle, solvent-free composition protects gaskets and seals, preventing leaks and damage. This versatile and powerful solution is ideal for maintaining optimal engine performance and extending engine longevity in a wide range of applications.

TECHNICAL PROPERTIES:

Density at 15 °C	Kinematic Viscosity at 40 °C	Kinematic Viscosity at 100 °C	Flash Point (COC)	Pour Point	Viscosity Index
0.876	31	5.5	224	-12	105



Packing: 1L, 4L, 5L, 25L, 208L, 1000L



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INDUSTRIAL LUBRICANTS

CANROYAL INDUSTRIAL LUBRICANTS



CANROYAL HYDRAULIC OILS AW 32

CANROYAL Hydraulic Oil AW 32 is a premium, anti-wear hydraulic fluid formulated with high-quality base oils and advanced additives for demanding hydraulic systems. It provides exceptional anti-wear and film strength protection for high-pressure pumps and close-tolerance components like servo-valves and numerically controlled machines. Suitable for both mobile and stationary hydraulic systems, including vane, piston, and gear-type pumps, it excels in industrial and environmentally sensitive applications. This versatile fluid also extends its protective capabilities to low-load gears, air compressors, servo-motors, bearings, and control systems with fine filtration, making it a universal high-performance lubricant for diverse and challenging environments.

TECHNICAL PROPERTIES:

Density at 15 °C	Kinematic Viscosity at 40 °C	Kinematic Viscosity at 100 °C	Flash Point (COC)	Pour Point	Viscosity Index
0.852	32	6.4	234	-57	144

CANROYAL HYDRAULIC OILS AW 46

CANROYAL Hydraulic Oil AW 46 is a premium, anti-wear hydraulic fluid engineered with high-quality base oils and an advanced additive package for exceptional performance in demanding environments. It provides superior protection against corrosion and unmatched film strength, particularly in high-pressure hydraulic systems utilizing components like servo-valves and numerically controlled machinery. This versatile fluid is compatible with all hydraulic pump types (vane, piston, gear) and suitable for a broad range of applications, including mobile and stationary industrial equipment, machine tools, injection molding machines, and presses. Beyond hydraulic systems, it also excels in low-load gears, air compressors, servo-motors, bearings, and control systems with fine filtration, offering reliable anti-wear lubrication for diverse and challenging applications. CANROYAL Hydraulic Oil AW 46 is a premium, anti-wear hydraulic fluid meticulously formulated with high-quality base oils and an advanced additive package. It delivers exceptional performance in demanding hydraulic systems, particularly those with high-pressure pumps and sensitive components like servo-valves and numerically controlled machinery. This fluid provides superior anti-corrosion properties and unmatched film strength, exceeding the requirements of non-anti-wear applications. Its versatility makes it suitable for various hydraulic pump types (vane, piston, gear) in both mobile and stationary industrial settings, including environmentally sensitive areas. CANROYAL Hydraulic Oil AW 46 is ideal for machine tools, injection molding machines, presses, and a wide range of industrial and mobile equipment. Beyond hydraulic systems, it also excels in low-load gears, air compressors, servo-motors, bearings, and fine filtration control systems, offering robust, high-performance anti-wear lubrication for diverse applications.

TECHNICAL PROPERTIES:

Density at 15 °C	Kinematic Viscosity at 40 °C	Kinematic Viscosity at 100 °C	Flash Point (COC)	Pour Point	Viscosity Index
0.851	46	8.54	238	-54	154



CANROYAL SYNTHETIC HYDRAULIC OILS AW 68

CANROYAL Hydraulic Oil AW 68 is a premium, anti-wear hydraulic fluid designed for exceptional performance in demanding applications. Formulated with high-quality base oils and an advanced additive system, it excels in severe hydraulic systems with high-pressure pumps and tight-tolerance components like servo-valves and CNC machine tools. It provides superior protection against wear, film breakdown, and corrosion, surpassing the capabilities of non-anti-wear fluids. This versatility makes it ideal for a wide range of equipment, including mobile and stationary hydraulic pumps (vane, piston, and gear-type), industrial machinery, and environmentally sensitive applications. CANROYAL Hydraulic Oil AW 68 is suitable for the most challenging conditions in machine tools, injection molding machines, presses, and other industrial or mobile equipment. Beyond hydraulics, it also serves as a high-performance anti-wear lubricant for gearboxes, air compressors, servo-motors, bearings, and control systems with fine filtration, streamlining maintenance and optimizing performance across diverse applications.

TECHNICAL PROPERTIES:

Density at 15 °C	Kinematic Viscosity at 40 °C	Kinematic Viscosity at 100 °C	Flash Point (COC)	Pour Point	Viscosity Index
0.854	68	11.81	240	-54	244

Packing: 1L, 4L, 5L, 25L, 208L, 1000L



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MARINE LUBRICANTS

CANROYAL MARINE LUBRICANTS



CANROYAL ULTRA OUTBOARD OIL 4T

CANROYAL ULTRA OUTBOARD OIL 4T is a synthetic-based, high-performance lubricant series specifically developed for 4-stroke outboard marine engines.

- 10W-30 is the latest generation oil designed for new, emissions-free 4-stroke outboard petrol engines operating under full load.
 - 25W-40 is particularly recommended for all outboard engines requiring an "FC-W" specification oil.
- Both formulations are ideal for high-speed, heavy-load applications in both fresh and saltwater environments. They are engineered to withstand extreme temperatures, ensuring sustained performance and providing exceptional anti-rust and anti-corrosion properties.

TECHNICAL PROPERTIES:

Density at 15 °C	Kinematic Viscosity at 40 °C	Kinematic Viscosity at 100 °C	Flash Point (COC)	Pour Point	Total Base Number
0.8708	80.5	11.51	220	-33	7.6

CANROYAL ULTRA POWER MARINE CYLINDER OILS

CANROYAL ULTRA POWER MARINE CYLINDER OILS are a comprehensive range of high-performance cylinder lubricants for all two-stroke, low-speed diesel engines. Engineered for both distillate and residual fuels, these oils deliver exceptional performance across all operational conditions, including full power, "slow," and "flexible" steaming. They are specifically designed for the new generation of highly rated, fuel-efficient marine diesel engines operating with higher pressures, temperatures, and longer strokes, effectively addressing the challenges of "Oil Stress."

TECHNICAL PROPERTIES:

Density at 15 °C	Kinematic Viscosity at 100 °C	Flash Point (COC)	Pour Point	Viscosity Index	Total Base number
0.930	19.5	>240	-12	>95	57



CANROYAL MARINE OILS

CANROYAL MARINE ENGINE OILS are super high-performance, monograde diesel engine oils for the highest output, high-speed diesel engines operating on distillate fuel. Formulated for superior engine protection and extended drain intervals, they are ideal for high power-to-weight ratio units in fast vessels and compact generator sets. These oils meet the rigorous demands of high-speed marine propulsion engines, including those in coastal vessels, fishing trawlers, rescue boats, lifeboats, emergency power units (compliant with IMO international safety rules for fire pumps), and high-speed engine generators operating in cold conditions. They are also suitable for reduction gears, torque converters, and stern tubes.

Technical properties:

Density at 15 °C	Kinematic Viscosity at 40 °C	Kinematic Viscosity at 100 °C	Flash Point (COC)	Pour Point	Viscosity Index
0.878	105	14.5	225	-33	140

Packing: 1L, 4L, 5L, 25L, 208L, 1000L



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Health and Safety: This lubricant, when used in accordance with our recommendations and for the application for which it is intended, does not constitute any special hazard. Safety data file conforming to the requirements of current EC legislation is available from your local trade consultant.



BASE OILS

BASE OILS



BASE OIL 4 GROUP III

For car owners seeking superior engine protection, enhanced fuel efficiency, and extended oil change intervals, Group III base oil is the optimal choice. This premium synthetic lubricant, produced through a meticulous hydrocracking process, boasts over 90% saturates and minimal sulfur content, ensuring unparalleled purity. This translates to a cleaner-burning oil with superior oxidation resistance and significantly reduced deposit formation compared to conventional Group I and II base oils, ultimately elevating engine performance.

TECHNICAL PROPERTIES:

Visual	Viscosity Index	Kinematic Viscosity at 100 °C	Flash Point (COC)	Pour Point	Color ASTM
CLEAR & BRIGHT	≥ 120	4.0 - 4.5	≥ 210	-15	L0.5

BASE OIL 6 GROUP III

Group III Oil: Unparalleled Engine Protection and Performance
Group III oil delivers exceptional engine protection through its robust film strength, significantly reducing friction and wear on critical components, even under high temperatures and demanding conditions. Its low volatility minimizes oil consumption, extending lubrication effectiveness and overall engine lifespan. Furthermore, the exceptionally low viscosity of Group III oil ensures effortless cold starts. Unlike conventional oils that thicken in low temperatures, Group III oil flows freely, minimizing wear during crucial initial moments. This results in smoother, quieter starts and enhanced engine responsiveness from the outset.

TECHNICAL PROPERTIES:

Visual	Viscosity Index	Kinematic Viscosity at 100 °C	Flash Point (COC)	Pour Point	Color ASTM
CLEAR & BRIGHT	≥ 120	5.8 - 6.2	≥ 220	-15	L0.5



BASE OIL 8 GROUP III

Group III base oil, while excelling in automotive applications, also provides unparalleled performance and protection in a broad spectrum of industrial lubricants and greases, from manufacturing to heavy-duty construction equipment. Although its initial cost may be higher than conventional options, the long-term benefits are substantial. Reduced oil consumption, extended change intervals, and superior component protection lead to significant cost savings over time. Ultimately, Group III oil unleashes optimal engine performance, enhances fuel efficiency, and promotes a cleaner operational experience across diverse applications.

Technical properties:

Visual	Viscosity Index	Kinematic Viscosity at 100 °C	Flash Point (COC)	Pour Point	Color ASTM
CLEAR & BRIGHT	≥ 120	5.8 - 6.2	≥ 220	-15	L0.5



Packing: 1L, 4L, 5L, 25L, 208L, 1000L



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Product Summary

CANROYAL GASOLINE ENGINE OIL

- CANROYAL FULL SYNTHETIC GASOLINE ENGINE OIL SAE 0W16 API-SP/SN
- CANROYAL FULL SYNTHETIC GASOLINE ENGINE OIL SAE 0W20 API-SP/SN
- CANROYAL FULL SYNTHETIC GASOLINE ENGINE OIL SAE 0W40 API-SP/SN
- CANROYAL FULL SYNTHETIC GASOLINE ENGINE OIL SAE 5W20 API-SP/SN
- CANROYAL FULL SYNTHETIC GASOLINE ENGINE OIL SAE 5W30 API-SP/SN
- CANROYAL FULL SYNTHETIC GASOLINE ENGINE OIL SAE 5W40 API-SP/SN
- CANROYAL SEMI SYNTHETIC GASOLINE ENGINE OIL SAE 5W20 API SM
- CANROYAL SEMI SYNTHETIC GASOLINE ENGINE OIL SAE 5W30 API SM
- CANROYAL SEMI SYNTHETIC GASOLINE ENGINE OIL SAE 5W40 API SM
- CANROYAL SEMI SYNTHETIC GASOLINE ENGINE OIL SAE 10W30 API SM
- CANROYAL SEMI SYNTHETIC GASOLINE ENGINE OIL SAE 10W40 API SM
- CANROYAL SEMI SYNTHETIC GASOLINE ENGINE OIL SAE 15W40 API SM
- CANROYAL SEMI SYNTHETIC GASOLINE ENGINE OIL SAE 20W50 API SM
- CANROYAL GASOLINE ENGINE OIL 10W30 API SL
- CANROYAL GASOLINE ENGINE OIL 10W40 API SL
- CANROYAL GASOLINE ENGINE OIL 15W40 API SL
- CANROYAL GASOLINE ENGINE OIL 20W50 API SL

CANROYAL DIESEL ENGINE OIL

- CANROYAL FULL SYNTHETIC DIESEL ENGINE OIL SAE 10W30 API CK-4
- CANROYAL FULL SYNTHETIC DIESEL ENGINE OIL SAE 10W40 API CK-4
- CANROYAL FULL SYNTHETIC DIESEL ENGINE OIL SAE 15W40 API CK-4
- CANROYAL FULL SYNTHETIC DIESEL ENGINE OIL SAE 20W50 API CI-4
- CANROYAL SEMI SYNTHETIC DIESEL ENGINE OIL SAE 10W30 API CI-4
- CANROYAL SEMI SYNTHETIC DIESEL ENGINE OIL SAE 10W40 API CI-4
- CANROYAL SEMI SYNTHETIC DIESEL ENGINE OIL SAE 15W50 API CI-4
- CANROYAL SEMI SYNTHETIC DIESEL ENGINE OIL SAE 10W60
- CANROYAL SEMI SYNTHETIC DIESEL ENGINE OIL SAE 15W50
- CANROYAL DIESEL ENGINE OIL SAE 15W40 API CH-4
- CANROYAL DIESEL ENGINE OIL SAE 20W50 API CH-4
- CANROYAL DIESEL ENGINE OIL SAE 20W60 API CH-4
- CANROYAL DIESEL ENGINE OIL HD 50 API CF-4
- CANROYAL DIESEL ENGINE OIL HD 70 API CF-4

CANROYAL SPECIALITY AUTOMOTIVE

- CANROYAL BRAKE FLUID DOT 5.1
- CANROYAL BRAKE FLUID DOT 4
- CANROYAL BRAKE FLUID DOT 3
- CANROYAL RADIATOR COOLANT
- CANROYAL ANTIFREEZE
- CANROYAL FLUSHING OIL

CANROYAL INDUSTRIAL LUBRICANTS

- CANROYAL HYDRAULIC OILS AW 22
- CANROYAL HYDRAULIC OILS AW 32
- CANROYAL HYDRAULIC OILS AW 46
- CANROYAL HYDRAULIC OILS AW 68
- CANROYAL HYDRAULIC OILS AW 100
- CANROYAL HYDRAULIC OILS AW 150

CANROYAL TRANSMISSION LUBRICANTS

- CANROYAL FULL SYNTHETIC GEAR OIL SAE 75W90 API GL-4 / GL-5
- CANROYAL FULL SYNTHETIC GEAR OIL SAE 85W140 API GL-4 / GL-5
- CANROYAL FULL SYNTHETIC GEAR OIL SAE 140 API GL-4 / GL-5
- CANROYAL SUPER GEAR OILS EP SAE 80W90
- CANROYAL SUPER GEAR OILS EP SAE 80W
- CANROYAL SUPER GEAR OILS EP SAE 90
- CANROYAL FULL SYNTHETIC CVT FLUID
- CANROYAL FULL SYNTHETIC ATF D-VI
- CANROYAL SYNTHETIC ATF TYPE A
- CANROYAL SYNTHETIC ATF D-III

CANROYAL TRANSMISSION LUBRICANTS

- CANROYAL ULTRA POWER MARINE CYLINDER OIL SAE 50
- CANROYAL ULTRA OUTBOARD OIL 4T SAE 10W30
- CANROYAL ULTRA OUTBOARD OIL 4T SAE 25W40
- CANROYAL ULTRA OUTBOARD OIL 2STROKE
- CANROYAL MARINE OILS SAE 15W40
- CANROYAL MARINE OILS SAE 30
- CANROYAL MARINE OILS SAE 40

Packing: 700/800ml, 1L, 2L, 3L, 4L, 5L, 6L, 5L, 7L, 8L, 16L, 18L, 20L, 25L, 200L, 205L, 208L, 210L



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Services We Offer



Bulk Oil Sale

We specialize in the bulk supply of lubricants, offering large quantities in various bulk container options to meet your specific needs.



Packaging & Brand Customization

We offer comprehensive customization services for your lubricant brand, including tailored branding and packaging solutions to match your unique aesthetic and market positioning.



Distribution Network

We boast well-established distribution networks, leveraging authorized dealers and distributors to ensure efficient and reliable delivery of our lubricants to markets worldwide.

Why Choose Us

- **Quality You Can Trust** – Products that meet or exceed global standards.
- **Global Supply Capability** – Backed by a reliable international sourcing network.
- **Proven Performance** – Supplier to critical institutions, including the Philippine Armed Forces.
- **Strategic U.S. Presence** – Procurement is streamlined via Future Energy Petroleum Services USA LLC.
- **Competitive Pricing** – Cost-effective solutions without compromising quality.
- **Dedicated Support** – End-to-end customer service and technical support.





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OIL LUBRICANTS



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