

**PRECISION LUBRICANTS**

# PRODUCT BROCHURE



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# PERFORMANCE BASED LUBRICANTS SOLUTIONS



## About Us

Royal Precision Lubricants is a 100% privately owned Australian company. We manufacture and market complete lubrication solutions for thousands of customers throughout Australia, New Zealand and South East Asia.

We have manufacturing facilities in Brisbane and Melbourne. Both of these facilities hold ISO 9001-2016 Quality Certified Manufacturing Compliances, ensuring consistency and quality assurance that meets and exceeds industry standards.

Our lubricants are suitable for wide ranging applications in the automotive industry, including motor sports, motorcycle and transport to agricultural, earthmoving, and industrial workshops.

## Technology

Established in 1995, Royal Precision Lubricants are manufactured to a high standard that utilises cutting edge additive technology and formulates finished products using premium mineral, synthetic and PAO/Ester base oils.

Our Lubricants are designed to extend your equipment and vehicle service life resulting in decreased downtime, helping you maximise your company's performance and profitability in today's competitive markets. We are committed to monitoring market requirements to ensure that we continue to meet the needs of our customers. Our aim is to deliver high quality products and service.

## Consumer Piece Of Mind

At Royal Precision Lubricants, our products come with guarantees compliant to Australian Consumer Law. Warranties under this law extend to a maximum of five (5) years from the date of purchase of the goods and covers only normal recommended use of the goods.

## Consumer Feedback

"Since taking over Brisbane Hinterland 4wd Training I've owned 2, 4WD's, a 3ltr diesel and now a 5.6ltr petrol V8. I can not speak highly enough of the lubrication and protection these oils provide not just for my engines but for gearboxes, diffs and transfer cases as well. I travel long distances and put my vehicles under constant strain and Royal rise to the occasion every time. I wouldn't use anything else."

**Steve Cooney - Brisbane Hinterland 4WD Training**

"After running what ever oil was on special in my wife's V6 Camry I saw a 4x4 at a competition with a Royal Precision Lubricants sticker along the side and had a chat with a representative that happened to be present at the time. Discovered for a competitive price I could get enough oil for a number of oil changes across 2 cars and after doing just one change in my wife's 2004 V6 Camry I personally experienced a smoother engine and improved fuel economy. I found under the same driving conditions I was able to achieve a minimum of 1L / 100 klm's improvement just through a change to this oil. I plan on using this in all my cars from now on and in anything I can, engines, gearboxes, diffs and transfer cases."

**Matt S. - Retail Consumer**

"Controlled Insanity Racing have had the privilege of Sponsorship from Royal Precision Lubricants for a couple of years now and we highly recommend their oils for all of your Drag car requirements. Thank you for your on going sponsorship to our small team of our '41 Willies driven by Matthew McKnight, our Dragster owner/driver Dave Glasson and our Nitro Injected Dragster driven by Stewart Prior. Team "boss" Allan Ray is very impressed by Royal Precision Lubricants Oils."

**Controlled Insanity Racing - Queensland**



# SYNTHETIC ENGINE LUBRICANTS

## Synthetic Passenger and 4WD Lubricants

Blending in excess of 18 full synthetic engine oils, Royal Precision Lubricants, strives to keep pace with an ever evolving lubricants market. Our products meet stringent global performance and emission standards including Low and Mid SAPS engine lubricants. With in excess of 2.5 million litres of raw product and materials stored on site Royal Precision Lubricants is up to the challenge of modern vehicle diversification and specialised lubrication requirements.

Product	Specifications
<b>Syntec Zero 20</b> Code: 9190	SAE: 0W-20, API: SN, ILSAC: GF-5, GM: 6094M, Ford: M2C 945-A and M2C 947-A, Chrysler: MS-6395 as well as many other vehicles calling for 0W-20 synthetic engine oils.
<b>Syntec Zero 30</b> Code: 9180	SAE: 0W-30, API: SN/CF, ACEA: A5/B5-08, C3-10, BMW: Long Drain Long Life 04, Mercedes Benz: MB 229.30, 229.51, VW: 502.00, 505.00, 505.01, ILSAC: GF-5, Porsche: C 30
<b>Syntec Zero 40</b> Code: 9185	SAE: 0W-40, API: SN/CF, ACEA: A3/B4, BMW: LL-01, MB-Approval 229.5, Porsche: A40, VW: 502.00, 505.00
<b>Syntec Euro C1</b> Code: 9186	SAE: 5W-30, ACEA: C1-10, DL-1, Ford: M2C932-B, Mazda: Diesel + DPF, Mitsubishi: Diesel + DPF
<b>Syntec Euro C2</b> Code: 9191	SAE: 0W-30, API: SN/CF, ACEA: C2-12 ACEA: A5/B5-08, BMW: Longlife 04, Mercedes: 229.51, Porsche Approved, PSA: B71 2312, Toyota: Diesel + DPF, VW:502.00, 505.00, 505.01
<b>Syntec Ultra 7000</b> Code: 9240	SAE: 5W-30, API: SN/CF, ACEA: C3-10 (2016), ACEA: A3/B4, GM: Dexos 2™, BMW: Long Life 04, MB 229.1, Mercedes Benz: MB 229.51, MB229.52, Volkswagen VW: 502.00, 505.00, 505.01, Porsche: C 30, PSA: B712290, Fiat: 9.55535-S3
<b>Syntec Euro C4</b> Code: 9183	SAE: 5W-30, ACEA: C4, Renault: RN 0720
<b>Syntec Ultra F</b> Code: 9187	SAE: 5W-30, API: SN/CF, ACEA: A3/B4, ACEA: A5/B5, Ford: M2C 913-A, B, C, D, Chrysler: MS 6395, Iveco: 18-1811 S1/S2, Jaguar: M2C 913-B, Jaguar / Land Rover: ST JLR.035003, Mercedes: 229.1, 229.3, Opel: GM-LL-B-025, Renault: RN0700, 0710, VW: 502.00, 505.00
<b>Syntec Elite</b> Code: 9160	SAE: 5W-40, API: SN/CF, ACEA: A5/B5-04, ACEA: C3-16, General Motors: Dexos 2™, GM-LL-B-025, VW: 505.00, 505.01, Mercedes Benz: MB 229.31, MB 229.51, BMW: Long Life 04, PSA B71-2290, Porsche: A 40, Renault: RN0700/RN0710
<b>Syntec GF-5</b> Code: 9182	SAE: 5W-30, API: SN, ILSAC: GF-5, General Motors: Dexos 1™, GM: 6094M, Ford: M2C946-A, Ford: M2C945-A, Chrysler: MS 6395
<b>Syntec Nexgen</b> Code: 9189	SAE: 5W-30, API: SN, ILSAC GF-5+, GM: Dexos 1™ Gen 2, GM: 6094M, Ford: M2C946-A, M2C945-A, Chrysler: MS 6395
<b>Syntec Ultra V</b> Code: 9280	SAE: 5W-30, VW: 504.00 (petrol), 507.00 (diesel), Mercedes Benz: MB 229.51, ACEA: A3/B4-2004, C3-12, ILSAC: GF-4, BMW: Long Life 04
<b>Syntec Quantum</b> Code: 9126	SAE: 10W-50, API: SN/CF, ACEA: A5/B5-04, BMW: Long Life 01, Ford: M2C 153F,G, Ford: M2C 910-A, General Motors: GM-LL-B-025, Holden: HN 2100, Volkswagen: VW 501.01, 502.00, 505.00, Mercedes Benz: MB 229.1, 229.3, Rover: RES 22.OL.22



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# MINERAL AND SEMI-SYNTHETIC LUBRICANTS

Although the automotive and commercial markets are turning towards full synthetic engine oils, Royal Precision Lubricants understands the importance of maintaining a comprehensive range of lubricants that perform exceptionally well in older vehicles. Our entire range of mineral and semi-synthetic lubricants offers great value while maintaining outstanding thermal stability and wear protection.



Product	Specifications
<b>Syntec Semi</b> Code: 9125	SAE: 10W-40, API: SN/CF, ACEA: A3, B3/B4, Ford: ESE - M2C 153-E, Daimler/Chrysler: 229.1, VW: 501.01, 505.00
<b>Senso LoVis</b> Code: 1202	SAE: 10W-30, API: SN/CF, ILSAC: GF-5, Ford: MC2-153-E
<b>Senso LVX</b> Code: 1057	SAE: 5W-30, API: SN/CF, ILSAC: GF-5, ACEA: A3/B3/B4
<b>Senso Supreme</b> Code: 1502	SAE: 15W-40, API: SN/CF, ACEA: A2/B2-02, A3/B3-98, Mercedes Benz: 229.1, VW: 501.01, 505.00, Ford: M2C153-E
<b>Senso Classic</b> Code: 1002	SAE: 20W-50, API: SN/CF, ACEA: A2/B2-02, A3/B3 98, Ford: M2C153-E, VW:500, 501, 505, Daimler/Chrysler: 229.1, BMW: Special Oil.
<b>Senso Gold</b> Code: 1102	SAE: 15W-50, API: SN/CF, ACEA: A2/B2-02, A3/B3-98, Ford:M2C 153-E, VW: 500, 501, 505, BMW: Special Oil, Daimler/Chrysler: 229.1
<b>Senso Heavy</b> Code: 1601	SAE: 25W-60, API: SL/CF
<b>Senso Run-In Oil</b> Code: 1622	SAE: 15W-40, API: SF/CC. Contains 1650+ PPM Zinc
<b>M3 Supreme</b> Code: 1001	SAE: 20W-50, API: SJ/CF, ACEA: A2-96 Issue 2, A3-98, B2-98, B3-98, E2-96 Issue 2, VW: 500, 501, Ford: ESE-M2C-153E, MIL-L-46152E, 2104E
<b>XLP 3000</b> Code: 1005	SAE: 15W-40, API: SL/CF
<b>XLP 5000</b> Code: 1004	SAE: 20W-50, API: SL/CF



## Topline Platinum PLUS

Topline Platinum PLUS has been developed to meet the service requirements for Road Train fleets in Australia's regional centres. Combining high thermal sheer stability and vastly improved oxidation controls this diesel engine oil is at the pinnacle of heavy duty diesel engine oil performance.

Its advanced chemistry allows for extended drain capability or offer built in reserve when it is needed the most. Suitable for Heavy Duty Transport, Agricultural, Earthmoving, Mining and Industrial applications where high thermal stability and superior oxidation control is required.



Product	Specifications
<b>Topline Platinum PLUS Code: 2006</b>	API: CK-4/ CJ-4/CI-4 +/CI-4, SAE: 15W-40, ACEA: E9-12, Volvo: VDS-4.5, Mack: EOS- 4.5, Cummins: CES 20086, Detroit: DDC Power Guard 93K222, Deutz: DQC III-10LA, Caterpillar: ECF-3, JASO: DH-1,DH-2, MAN: M 3575, Mercedes Benz: MB 228.3 & 228.31, MTU: Category 2.1, Renault: RLD-4, Ford: WSS-M2C171-E
<b>Topline Platinum Code: 2008</b>	API: CK-4/ CJ-4/CI-4 +/CI-4, SAE: 15W-40, ACEA: E9 – 12, Volvo: VDS-4.5, Mack: EOS- 4.5, Cummins: CES 20086, Detroit: DDC Power Guard 93K218, Deutz: DQC III-10LA, Caterpillar: ECF-3, JASO: DH-1,DH-2, MAN: M 3575, Mercedes Benz: MB 228.3 & 228.31, MTU: Category 2.1, Renault: RLD-4, Ford: WSS-M2C171-E
<b>Topline EuroSyn Code: 2010</b>	API: CI-4 / SL, CJ-4, SAE: 10W-40, ACEA: E4-16, E6-16, E7-16, E9-16, Caterpillar: ECF-3, Cummins: CES 20076, 20077, 20081, Detroit: DDC Power Guard 93K218, Deutz: DQC 111-10 LA, IV-10A, JASO: DH-2-17Mack: EO-N, EO-O Premium Plus, MAN: 3271-1, 3477, 3575, MB: MB 228.31, 228.51, MB: 235.28, MTU: Type 2.1, 3.1, Renault: RGD, RLD-2, RDL-3 Scania: LDF-4, Low Ash, Voith: Class B, Volvo: VDS-3, VDS-4. <b>Euro 1 to Euro 5 engine compliant</b>
<b>Ultra 9000 Code: 2003</b>	API: CJ-4/ CI-4+/CI-4, SM/CF, SAE: 15W-40, ACEA: E7-04, E9 – 08, Global: DHD -1, Volvo: VDS-4, Mack: EO-O Premium Plus 07, Cummins: CES 20081, Detroit: DDC Power Guard 93K218, Caterpillar: ECF-3, JASO: DH-1,2, MAN: 3575, Mercedes Benz: MB 228.31, MTU: Type 2.1, Renault: RLD-3.
<b>Topline Express Code: 2002</b>	API: CI-4+/SL, CI-4, CH-4, SAE: 15W-40, ACEA: E7-08, E5-02, E3-96, Caterpillar: ECF-2, ECF-1-a, Global: DHD-1, JASO: DH1, Mack: EO-M Plus, EO-M, Mack EO-N Premium Plus 03, Cummins: CES 20071, 20073, 20076, 20077, 20078, Mercedes Benz: 228.3/229.1, MAN: 271, 3275, Renault: RLD-2, Volvo: VDS-3, Allison: Type C-4
<b>Ultra 4000 Code: 2001</b>	API: CH-4/SL, CG-4/CF-4/CF, SAE: 15W-40, ACEA: E7-04, A3, B3, E2, Mack: EO-M, EO-M Plus, Mercedes: 229.1, 228.1, MAN: M3 275, Volvo: VDS-2, Cummins: CES 20076, 20072, 20071, MTU DDC: Type 1, Caterpillar: ECF-1-a, Ford: M2C-153-E, M2C-121-B, Global: DHD-1, JASO: DH-1
<b>Turbo Diesel Code: 2032</b>	API: CF-4, CD, SJ/SH, SAE: 15W-40, Mack: EOK-2, 271, Volvo: VDS, US Military: MIL-L-2104E and MIL-L-46152E, Allison: C-4
<b>Ultra Mono Range Codes: 2210 to 2250</b>	API: CF/SJ, SAE: 10W, 30, 40, 50, ACEA: E2 (SAE: 30, 40), Mercedes Benz: MB 228.0 (SAE: 30, 40), MAN: 270, US Military: MIL-L-2104F (SAE: 30, 40), US Military: MIL-L-46152D (SAE: 10W, 30), SABS: 1516/17, Mack: EO-K/2, Japan: Japanese CD, Allison: C-4, Detroit Diesel: DDC Category 1 (SAE: 30, 40), MTU: Category 1 (SAE: 30, 40), ZF: TE-ML 03B (SAE: 10W)
<b>HPDD 40 Code: 2200</b>	API: CF/CF-2/SG, SAE: 40, Detroit Diesel: 7SE2709505 § ACEA: E1, Mercedes Benz: MB 227.1, MIL-L-46152B, MIL-L-2104 D
<b>Multi Farm Code: 2600</b>	API: CE, CD, CG-4/ SF, GL-4, SAE:15W-40, Mercedes Benz: MB 227.1, John Deere: JDM J27, J20A, J20C, Ford: M2C-159-B/C, M2C 86-A, 134-C/D, Massey Ferguson: M1135, M1139, M1144, M1145, Mercedes: MB 228.1, MB 228.3, Allison: C-4, MAN: 271, Caterpillar: TO-2, ZF: TE-ML 06, 07, ACEA: E2

# TITANIUM RACING OILS

## Ultimate Protection of Racing Components

It has been scientifically proven that a liquid Titanium compound added to engine oils creates a wear-resistant nano-scale layer that binds to the surface of vulnerable engine parts. This anti-wear enhancement comes from Titanium being chemically bound into the metal structure of the engine surface, forming a hard oxide, iron titanate protective layer. This to date has not been achieved with any other additive technology and the anti-wear characteristics of this additive system are quite revolutionary and proprietary to this technology.

Titanium additive technology works synergistically with other anti-wear additives such as zinc and boron to provide superior anti-wear and a layer of protection other zinc based additives cannot deliver. This offers outstanding advantages in high revving, high output engines.

With one world record and an Australian record under our belt and a growing army of race enthusiasts now using and recommending Titanium Racing Oils we pride ourselves on our ability to produce high quality lubricants when it counts the most.

Product	Specifications
Endurance Titanium Racing 5W-30 Code: 1710	SAE Viscosity: 5W-30, API: SN/CF, ACEA: A3/B3 100% PAO / Ester
Endurance Titanium Racing 5W-40 Code: 1711	SAE Viscosity: 5W-40, API: SN/CF, ACEA: A3/B3 100% PAO / Ester
Endurance Titanium Racing 10W-50 Code: 1712	SAE Viscosity: 10W-50, API: SN/CF, ACEA: A3/B3 100% PAO / Ester
Competition Titanium Racing 25W-60 Code: 1701	SAE Viscosity: 25W-60, API: SN/CF, ACEA: A3/B3 Premium Mineral
Competition Titanium Racing 40-70 CODE: 1702	Viscosity: 40-70, API: SL/CF, ACEA: A3/B3 Premium Mineral

## Titanium Racing Gear Oils

The entire Titanium Racing gear oils range are premium, full synthetic gear oils manufactured with PAO and Ester base oils especially designed for the rigors of professional racing. A unique additive system synergistically supplements the anti-wear and friction reducing characteristics of the oil making it provide superior protection in high performance racing applications.

Product	Specifications
Titanium Racing Gear Oil 80W-140 LS Code: 1715	SAE Viscosity: 80W-140, API: GL5+ 100% PAO / Ester
Titanium Racing Gear Oil 75W-90 LS Code: 1716	SAE Viscosity: 75W-90, API: GL-5+ 100% PAO / Ester
Titanium Racing Gear Oil 75W-90 GL-4 Code: 1717	SAE Viscosity: 75W-90, API: GL-4+ 100% PAO / Ester Note: Not suitable for use in differentials or gearboxes that require API GL-5

# TITANIUM RACING ENGINE AND DRIVELINE OILS



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# NEXUS PREMIUM MOTORCYCLE OILS



4-stroke motorcycles generally have a sump capacity of approximately three to four litres. Typically, this requires a single oil to protect vital engine, gearbox and clutch components whilst providing adequate levels of performance to the entire system.

Motorcycle engines deliver up to three times more stress on engine oils as opposed to their automotive passenger car counterparts. Thus making it crucial that a purpose designed, high end oil is used in any modern 4-stroke motorcycle. The oil is required to lubricate, and protect the engine whilst transitioning smooth clutch and gearbox shifts.

Royal Precision Lubricants has developed the Nexus Premium Motorcycle Oil range to deliver optimum performance and protection in modern motorcycle engines and their driveline components. Excellent performance characteristics are achieved by carefully blending PAO/Ester and other quality base oils and incorporating liquid titanium anti-wear additive technology across the entire Nexus Premium Motorcycle Oils range.

Product	Specifications	
Nexus 4TS Ultra 5W-40 Code: 1730	JASO: MA-2 (T903:2011), API: SN, SAE Viscosity: 5W-40.	100% PAO / Ester
Nexus 4TS Ultra 10W-40 Code: 1731	JASO: MA-2 (T903:2011), API: SN, SAE Viscosity: 10W-40.	100% PAO / Ester
Nexus 4TS Ultra 15W-50 Code: 1732	JASO: MA-2 (T903:2011), API: SN, SAE Viscosity: 15W-50.	100% PAO / Ester
Nexus 4T Super 10W-40 Code: 1720	JASO: MA-2 (T903:2011), API: SN, SAE Viscosity: 10W-40	Semi-Synthetic
Nexus 4T Super 15W-50 Code: 1721	JASO: MA-2 (T903:2011), API: SN, SAE Viscosity: 15W-50.	Semi-Synthetic
Nexus 4T Super 20W-50 Code: 1722	JASO: MA-2 (T903:2011), API: SN, SAE Viscosity: 20W-50.	Semi-Synthetic
Nexus 2TS Ultimate Code: 1750	JASO: FD, API: TC, SAE: 20W, ISO: L-EGD, Aprilia Ditech: SR 50 approval, Piaggio Hexagon approval, TISI requirements for Detergency and Lubricity.	100% PAO / Ester
Nexus Racing Fork 2.5W Code: 1739	Viscosity: 2.5W (Non SAE)	100% PAO / Ester
Nexus Racing Fork 5W Code: 1740	SAE Viscosity: 5W	100% PAO / Ester
Nexus Racing Fork 7.5W Code: 1741	Viscosity: 7.5W (Non SAE)	100% PAO / Ester
Nexus Racing Fork 10W Code: 1742	SAE Viscosity: 10W	100% PAO / Ester
Nexus Racing Fork 15W Code 1743	SAE Viscosity: 15W	100% PAO / Ester

## PREMIUM MOTOR CYCLE OILS



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# GEAR AND DIFFERENTIAL OILS



Boasting a comprehensive range of premium gear and differential lubricants covering automotive, transport, industrial, agricultural and earthmoving we have a specialised driveline lubricant for your requirements. Driveline lubrication has in recent years diversified into more specialised formulations to cater for various gearbox and differential configurations in modern on highway trucks and buses. Royal Precision Lubricants is at the forefront of proprietary liquid engineering of high performance gear lubricants.

Product	Specifications
<b>Syngear LS 75W-85</b> Code: 9390	SAE: 75W-85, API: GL-4, Ford: ESW-M2C 83A/B, GM: HN 1046,1070,1820, 1855, 2276, MB: 235.1, 235.4, Chrysler: MS-9224, ZF TE-ML 01/02/08, MAN: 341
<b>Syngear 70W-75 GL-4+</b> Code: 9389	SAE: 70W-75 is recommended where transmissions are suffering from shift feel problems with thicker fluids. Also suitable for cars and SUV's requiring a GL-4 70W-75 gear oil. API GL-4+, Ford: M2C 204-D2, Tremac (T-56)
<b>Syngear LS 75W-90</b> Code: 9410	SAE: 75W-90, API: GL-5, MT-1, US Military: MIL-L-2105D, General Motors: HN-1561, HN-2040, Ford: MC20119A, MC2-104, Mack: GO-J, Borg Warner: 5M-48, Rockwell: 0-76E, 0-76N, (Synthetic 75W-90)
<b>Syngear LS 80W-140</b> Code: 9420	SAE: 80W-140, API: GL-5, MT-1, US Military: MIL-L-2105D, MIL-PRF-2105E, General Motors: HN-1561, HN-2040, Ford: MC20119 A, MC2-104, Mack: GO-J, Borg Warner: 5M-48
<b>GearPro LS 85W-140</b> Code: 4001	SAE: 85W-140, API: GL-5, MT-1, PG-2, MIL-PRF-2105E, Mack: GO-J, Limited Slip rated
<b>GearPro LS 80W-90</b> Code: 4002	SAE: 80W-90, API GL-5, PG-2, MT-1, MIL-PRF-2105E, MACK: GO-J, Limited Slip rated
<b>Gear Lube 80W-90</b> Code: 4004	SAE: 80W-90, API: GL-5, US Military: MIL-L-2105E, Ford: M2C 197-A (80W-90)
<b>Gear Lube 85W-140</b> Code: 4007	SAE: 85W-140, API: GL-5, US Military: MIL-L-2105E, Ford: M2C 197-A (85W-140)
<b>Gear Lube TL 75W-90</b> Code: 4013	SAE: 75W-90, API: GL-4, Ford: ESP-M2C83-C, Borg Warner: 5M-42, Mitsubishi: ES-X-64021
<b>Gear Pro LS 75W-90</b> Code: 4014	SAE: 75W-90, API: GL-5, MT-1, PG2 Limited Slip rated, SAE: J-2360, Mack: GO-H, MAN: 342 M1, M2, MAN: 342 ML, MB: 235.5, 235.6, US Military: MIL-L-2105D, Volvo: 1273.10, ZF: TE ML 02, 05, 07, 08
<b>Diff Oil LS 90</b> Code: 4006	SAE: 90, API: GL-5, Mack: GO-G, US Military: MIL-L-2105E, General Motors: HN1561, HN 1187, HN 1386, Ford: M2C-1006A, M2C-105A, M2C-104A, BTR-5M-31, 5M-41 Limited Slip rated
<b>Diff Oil LS 140</b> Code: 4009	SAE: 140, API: GL-5, , Mack: GO-G, US Military: MIL-L-2105E, General Motors: HN1561, HN 1187, HN 1386, Ford: M2C-1006A, M2C-105A, M2C-104A, BTR-5M-31, 5M-41 Limited Slip rated
<b>Syngear Road Ranger 40</b> Code: 9429	SAE: 40, API: MT-1, Caterpillar: TO-4, TO-4M, Komatsu: KES 07.868.1(2002), ZF TE-ML-03C, 07F
<b>Gear Road Ranger 50</b> Code: 4010	SAE: 50, API: MT-1, Caterpillar: TO-4, TO-4M, Komatsu: KES 07.868.1(2002), ZF TE-ML-03C, 07F
<b>Syngear 75W-80</b> Code: 9403	SAE Viscosity 75W-80, API GL-4, MIL-L-2105 , ZF TE-ML 01L, 02L, 08, 16K, DAF, Eaton Europe 300,000km or 3 years, Iveco, MAN: 341 Type Z-4, Z-3, Z-2, Z-1, MAN: 341 Type E-3, E-2, E-1, 341ML, 341N, Mercedes: 235.4
<b>Opti Drive STO 80W-90</b> Code: 4025	SAE Viscosity: 80W-90, API: GL-5, <b>Scania: STO 1:0</b> , Iveco (where MIL-PRF-2105E axle lubricants are recommended for use), ZF TE-ML 05A, 07A, 16B/C/D, 17B, 19B, DAF (where GL-5 axle lubricants are recommended for use) MAN: 342 M-2, Mack: GO-J, Renault (where GL-5 or MIL-PRF-2105E), Arvin Meritor 0-76D



# SYNTHETIC AND MINERAL TRANSMISSION FLUIDS



Royal Precision Lubricants manufactures a wide range of transmission fluids meeting a majority of the automotive, commercial and agricultural markets. Our Syntrans range are world capable multi-vehicle transmission fluids meeting a vast number of performance requirements set by OEM manufacturers.

Product	Specifications
<b>Syntrans CVT</b> Code: 9360	This product is suitable for Honda (HMMF) CVT's. Audi/VW: G 052 180, G 052 516-A, Nissan: NS-1, NS-2 & NS-3, Mopar: CVTF+ 4, GM / Saturn: DEX-CVT, Honda: (HMMF, HCF-2), ESSO: EZL: 799A, Mercedes Benz: MB 236.20, Ford:M2C 928-A, M2C 933-A, M2C 199-A, Toyota: TC, FE, Suzuki: TC, Volvo: 4959, Subaru: CV-30, Dia-Queen: CVTF J1, J4
<b>Syntrans LV</b> Code: 9312	Aisin Warner: AW-1, Ford: Mercon LV (M2C 938-A), Chrysler: Part No. 68157995AA, Ford: Part No. XT-9-AMMF5, GM: Part No. 9986195, JAGUAR: Part No. 02JDE 26444, Land Rover: Part No. LR023288, ZF: Part No. S671 090, Audi/VW: Part No. G 060 162-A, Bentley: Part No. PY112995PABMW: Part No. 8322 2152426, Hyundai/Kia: SP-IV, SPH-IV, SP-IV RR, NWS-9638, Mercedes: MB 236.12, MB 236.14, MB 236.15, MB 236.41, Audi/VW: G 052 540, G 055 005, G055 162, G 055 540, G 060 162-A, GM: Dexron VI, JASO: 1-A, JWS: 3324, Honda: DW-1, Mitsubishi: ATF J2, SP-IV, ATF PA, Nissan: Nissan Matic S, Matic W, Saab: 93 165 147, Toyota: WS, Volvo: 31256774, 31256675, ZF: Lifeguard 6, Lifeguard 8
<b>Syntrans MV</b> Code: 9340	One of the most robust and universal Multi Vehicle transmission fluids on the market today. Please refer to our technical data sheet for more information and comprehensive specifications. Can also replace Royal ATF DX 3 and Auto Trans 95LE.
<b>Syntrans DCT</b> Code: 9105	BMW: 83 22 2 148 578, BMW: 83 22 2 148 579, BMW: 83 22 0 440 214, BMW: 83 22 2 147 477, Ford: M2C936-A, Mercedes Benz: 236.21, Mitsubishi: Dia Queen SSTF-1, Peugeot/Citroen: 9734.S2, Porsche: Oil No. 999.917.080.00, VW: TL 052 182, VW: TL 052 529
<b>Auto Trans 95LE</b> Code: 3200	General Motors: BTR®: 85LE, 91LE, 95LE & 97LE, BTR®: Specification No. 5M-44, 5M-52, Ford Part No: R1-38/R1-48.
<b>Auto Trans DX3</b> Code: 3100	General Motors: Dexron® III (F30556), Caterpillar: TO-2, Allison: C-4, Ford: Mercon®, Ford: M2C 138-CJ, M2C 166-H, Mercedes: MB 236.1, 236.5, 236.7
<b>Auto Trans M</b> Code: 3300	Mitsubishi: Magna, ES-X64022SP3, Hyundai: Automatic Transmissions
<b>Torque 10W, 30, 50, 60</b> Code: 3710 to 3760	SAE: 10W, 30W, 50W, 60W API: CD/GL-3, Allison: C-4, Caterpillar: TO-4/M, ZF: TE-ML 03 & 07 Approvals in the appropriate viscosity grade, Komatsu: Kes 07.868.1 (2002)
<b>Agritrans</b> Code: 4200	SAE: 10W-30, API: GL-4, API: GL-4, AGCO, Allis, Chalmers: Power Fluid 821XL, Allison: C-4, Case-IH: MS1204,1205, 1206,1207,1209,1210, B-6, B-7, Case New Holland: MAT 3525 (FNHA-2-C-201), 3526, Case New Holland: MAT 3505, 3540, Caterpillar: TO-2, Deutz, Allis: 246634, 257541, 272843, Ford: M2C 77-A, M2C 86-B/C, M2C-134 A/B/C/D, John Deere: JDM J14A,B, C, Hygard J20C/D, Quatrol, KUBOTA: UDT, Super UDT/2 , Massey Ferguson: M1110, 1127,1129,1135,1138,M1141, Massey Ferguson: M1143,1145, Volvo: VCE WB101, 1273.03, White Farm (AGCO) Q-1705, 1722, 1766B, 1802, 1826, ZF: TE-ML 03E, 05F, 06K, 17F, 21F
<b>Syntrans Agri Full Synthetic Universal Tractor Transmission Fluid</b> Code: 4205	SAE: 5W-30, API GL-4, Allison: C-2, C-4, AGCO /Allis Chalmers: Power fluid 821XL, Case Corp.(J.I.Case and International Harvester): MS-1204 (TFD), MS-1205 (TFD-II), MS-1206 (PTF), MS-1207 (HyTran® Plus) MS-1209, MS-1210 (TCH Fluid (JIC145 ), MS-1230 (Poclairn Equipment) B5, B6, Caterpillar: TO-4, TO-2, Claas/Renault: Renault Transmissions, Clarke: TA-12, TA-18, HR500, HR600 CNH Case/New Holland: MAT 3505 (MS1207, 1209), MAT 3506 (MS1210), MAT 3509 (MS1230), MAT 3510 (MS1317=GL-4), MAT 3525 (FNHA-2-C-201.00 =M2C 134-D), MAT 3526 (FNHA-2-C-200.00) MAT 3540, Deutz-Fahr: 272843, 257541, 246634, Fendt: (Non Vario) and (Vario) , Ford: M2C 134-A, B, C, D, M2C 41-B, M2C 48-C, M2C 53-A, M2C 86-A, B, C, Ford New Holland: FNHA-2-C-201.00 (M2C 134-D),FNHA-2-C-200.00* (Super All Season Driveline and Hydraulic Fluid –F200-A") (*Winter grade), Hesston Fiat: Olio Fiat, Tutela Multi-F, John Deere: JDM J20C, J20D (Current Specification), J21A, J20A, J20B, J14B, J14C, JD303, Quatrol™, Komatsu Dresser: B-06-0001/0002, Kubota: UDT Hydraulic Fluid, Landini: Tractor II Hydraulic Fluid, Massey Ferguson: M-1141(EP),M-1135(Trans Hydraulic Europe), M-1143 (Trans Hydraulic Europe), M-1145, M-1129 A' M-1127 A/B, M-1110, Same: Same Transmissions, Valtra: G2-08 VCE (Volvo): WB 101 , WB 102, Versatile: M2C134-D, (FNHA-2-C-201.00), White Farm (Oliver): Q-1826 (HTF), Q-1802 (Type 55), Q-1766/B, Q-1722, Q-1705

# COOLANTS AND ANCILLARY PRODUCTS

## Coolants and Specialty Fluids

Product	Specifications
<b>Long Life Coolant 100% Concentrate and Premix</b>	Long Life Coolant a universal ethylene glycol based antifreeze coolant concentrate incorporating an advanced formula technology with virtually non-depleting organic acid corrosion inhibitors. <b>6543 Concentrate (Yellow) 6553 50/50 Premix (Yellow) 6552 50/50 Premix (Red)</b>
<b>Glycool Coolant Concentrate and Premix</b>	Glycool Coolants range are mono-ethylene glycol based product containing inhibitors to protect cooling systems from corrosion and scale formation. AS2108-84, AS/NZS 2108.1 1997 TYPE A, Ford: ESE-M97B44-4, Ford: ESE-FM97B18-C, General Motors: GM-1825M, General Motors: GM-6043, Cummins: 92T8-9, Detroit: 7SE298, Nissan: NES 5059 LLC <b>6511 Concentrate (Green) 6501 50/50 Premix (Green) 6512 Concentrate (Red) 6502 50/50 Premix (Red)</b>
<b>OEM Plus Concentrate and Premix</b>	OEM Plus Coolants are advanced hybrid anti boil/anti freeze coolants with nitrate / nitrite chemistry. Based on a combination of organic technology and corrosion inhibitors with conventional heavy duty chemical inhibitors common to USA technology for compliance with Cummins, Detroit and CAT equipment that contain low silicate, nitrite, nitrate and molybdite. <b>6531 Concentrate (Green) 6521 50/50 Premix (Green) 6522 Premix (Red) 6532 50/50 Concentrate (Red)</b>
<b>Dot 4 Brake Fluid Code: 6010</b>	A high temperature Dot 4 Brake Fluid meeting SAE: J1703 JUN 91, Australian Standards: AS/NZ: 1960:1 1995 Grade 3, Brake Fluids (non-petroleum types), FMVSS No.116 Dot 3 and 4, Ford: ESW-FM6C-2, ESZ-M6C-55A, GMH: HN 1796
<b>Dot 3 Brake Fluid Code: 6011</b>	A high temperature Dot 3 Brake Fluid meeting Australian Standards AS 1960-2005 Grade 1,SAE: J1703, FMVSS 116 DOT 3, ISO: 4925 Class 3
<b>Power Steer Fluid Code: 3152</b>	Premium Mineral Power Steering fluid meeting many power steering applications. <b>See Product Data Sheet for specifications and applications.</b>
<b>Syntec Power Steering Fluid Code: 3151</b>	A 100% synthetic fluid suitable for use in a wide range of power steering systems in European, Japanese and American vehicles. It is specifically suitable for Chrysler, Ford, Mercedes Benz, Saab and Subaru vehicles. <b>See Product Data Sheet for specifications and applications.</b>
<b>Heavy Duty Truck Wash Code: 6067</b>	Heavy Duty Truck Wash is suitable for use on all good paint work surfaces. Removes dirt, grease and road grime. Spray on and rinse off.
<b>Mighty Mint Hand Cleaner Code: 6037</b>	A premium non-petroleum based hand cleaner. A unique chemistry containing powerful cleaning agents dissolves dirt, grease, oil and grime from hands. Can be simply wiped off or rinsed off with water.

## Additives and Treatments

Product	Description
<b>Concentrate Diesel Treatment CODE: 6052</b>	Concentrate Diesel Treatment has been developed for use in all diesel vehicles including trucks, earthmoving, agricultural and marine equipment. Concentrate Diesel Treatment's unique chemistry cleans blocked or partially blocked injectors in modern diesel engines and helps maintain a clean running diesel system.
<b>Diesel Treatment Code: 6120</b>	Diesel Treatment is an advance formula diesel additive developed to provide additional cleanliness to all diesel engines and fuel systems Diesel Treatment contains powerful cleaning agents that work on removing soot and carbon build up.
<b>Injector Cleaner Code: 6121</b>	Injector Cleaner is an advance formula petrol injector cleaner developed to all petrol fuel systems and components including injector, carburetors, fuel tanks and lines.
<b>EGR Cleaner Code: 6122</b>	EGR Cleaner has been developed to clean blocked or restricted EGR valves. Suitable for use in all diesel powered vehicles fitted with EGR Units and is extremely effective in removing soot and build up from the entire EGR system.
<b>DPF Cleaner Code: 6123</b>	DPF Cleaner has been developed to clean blocked or restricted Diesel Particulate Filter. Suitable for use in all diesel powered vehicles fitted with a DPF System and is extremely effective in removing soot and build up from within the DPF unit while the car is running under normal driving conditions.
<b>Fuel Stabiliser Code: 6124</b>	Fuel Stabiliser is effective with all diesel, petrol, E10 and 2-Stroke fuel mixes. Suitable for use in direct injection, common rail, premixed and carburetor engines. Its unique formulation allows fuel to be stored for up to 12 months without loss of performance or power and makes starting easy after long lay down periods.



# GREASE AND SMALL ENGINE OILS



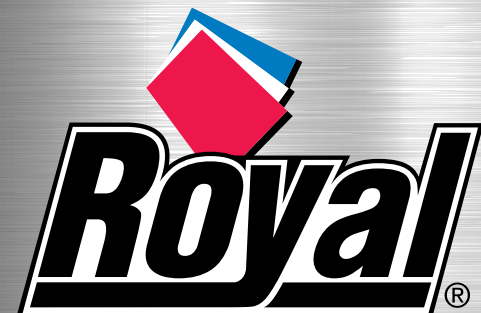
## Greases and Compounds

Product	Specifications
<b>Syntec XP</b> Code: 9010	Syntec XP is a waterproof Full Synthetic, 'state of the art' high temperature grease that has a smooth texture and is the prime recommendation for automotive bearing, marine and industrial applications where performance matters.
<b>Lithplex EP2</b> Code: 9003	Lithplex EP2 is a general purpose, extreme pressure, high temperature, lithium complex grease which contains a light tackiness agent and is an ideal grease for multiple greasing applications.
<b>Red Tac EP2</b> Code: 9008	Red Tac EP2 is a water resistant, premium multi purpose, extreme pressure grease containing special EP additives, rust and oxidation inhibitors and a tackiness agent.
<b>XHD Grease EP2</b> Code: 9031	Ultra thick and tacky premium grease suitable for Chassis, Pins, Bushes and even Rock Breaker Hammers. One of the most robust commercial greases on the market today. Ideal for agricultural, earthmoving and transport lubrication applications. <b>(1900Cst) base oil and premium tacifiers. NLGI: 2</b>
<b>Easy Pump Grease</b> Code: 9032	Premium tacky red grease ideal for pins bushes and under chassis greasing applications. Ideal for Agricultural and Earthmoving applications all year round. <b>(1900Cst) base oil and premium tacifiers. NLGI: 1</b>
<b>Moly Hi-Load</b> Code: 9006	Moly Hi-Load is a water resistant, special long life grease recommended for high load service conditions in hostile environments or where extended service is intended, due to the additional anti-wear protection provided by the presence of molybdenum disulfide.
<b>Multi Purpose EP2</b> Code: 9001	Multi Purpose EP2 grease is a multi purpose, extreme pressure, industrial and automotive grease made from lithium soap, sulfur, phosphorus, extreme pressure additives, a high quality base oil and rust and oxidation inhibitors. An ideal low cost chassis and general purpose grease.
<b>Semi Fluid EP</b> Code: 9019 (EP-00), 9023 (EP-0), 9140 (EP-1)	Semi fluid EP grease range are premium quality multi purpose greases for use in all anti-friction and plain bearings subjected to high shock load and vibration conditions. NLGI Grades: EP-0, EP-00, EP-1
<b>Copper Anti-Seize</b> Code: 9015	Copper Anti-Seize Compound is a superior quality, high temperature anti-seize and lubricating compound.
<b>Nickel Anti-Seize</b> Code: 9016	Nickel Anti-Seize compound provides superior lubrication allowing easy assembly and disassembly of metal parts.
<b>Rubber EP X-9</b> Code: 9014	Rubber EP X-9 is a premium grease for industrial, automotive and consumer rubber component applications containing castor oil for use when contact with natural and/or synthetic rubber is likely to occur.



## Small Engine and Marine Range

Product	Specifications
<b>Syntec 4-Stroke Marine</b> Code: 1840	SAE: 10W-40, JASO: MA (T903:2006), NMMA FC-W Catalyst Compatible, NMMA FC-W, API: SM. Syntec 4-Stroke marine reduces cold start engine wear and provides high temperature thermal stability. Blended with 100% pure synthetic base oils.
<b>Four Stroke 30</b> Code: 1830	SAE: 30W, API: SG/CD, ACEA: E2, General Motors: 6094M, Ford: M2C 121-E3, US Military: MIL-L-2104 F, MIL-L-46152 D, Briggs & Stratton Service: SE/ SF/ SG SAE 30, Japan: Japanese CD
<b>Multi Grade 4-Stroke</b> Code: 1021	SAE: 10W-40, API: SL/CF, ACEA: A3 / B3, Japan: Japanese CF
<b>2-Stroke</b> Code: 1900	SAE: 20W, API: TC, ISO: L-EGC, L-EGD, JASO: FB, FC, TISI: 1040-2534 Low smoke formulation. Easily Dilutes in Petrol Fuels.
<b>Ultra 2-Stroke</b> Semi Synthetic Code: 1902	SAE: 20W, API: TC, ISO: GD, ECG, EGD, T.I.S.I, JASO: FC, Global GD Low smoke formulation. Easily Dilutes in Petrol Fuels.
<b>Chain &amp; Bar Oil 150 and 220</b> Code: 7031 and 7032	ISO: 150 and 220. Formulated with a highly effective tackiness agents and anti-wear additives to protect the chain and bar and minimise throw-off. ISO 220 is used by forestry workers who depend on performance above all else.



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