



COMMERCIAL LUBRICATION



...DRIVEN BY PERFECTION

royallubricants.com.au

PERFORMANCE BASED LUBRICANTS SOLUTIONS

Acknowledged as one of Australia's premium blenders of specialist commercial lubricants and fluids we constantly strive to deliver better lubricants solutions. With over 25 years of specialist blending experience our chemists are focused on real world solutions in a global market.

Our commercial lubricants range has been specifically developed to meet today's mixed fleet operator requirements. This range has been developed to include Road Train, Line-haul, Small Fleet and Bus applications and also covers all off-highway applications. In off Road applications our range covers Earthmoving, Mining, Construction and many other industrial applications.

With increasing demands on engine performance and aftermarket emission reduction standards driving performance parameters our lubricants comply and are constantly revised to exceed the very latest global emission and performance standards.

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.

Established in 1995, the entire Royal Precision Lubricants range is 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.



...DRIVEN BY PERFECTION

royallubricants.com.au

HEAVY DUTY DIESEL ENGINE LUBRICANTS

Our innovative range of premium diesel engine lubricants include the highly popular Topline Express and Topline Platinum Plus diesel engine oils range. Our range offers transport operators and service agents complete piece of mind where mixed fleet servicing is required. With an extensive range of premium lubricants covering American, European and Japanese fleet manufacturers our extensive range offers clients a one stop total lubrication solution.

Customers are guaranteed a high level of service with expert technical assistance and support allowing correct recommendations for servicing.

TOPLINE
PLATINUM
CK-4



Product	Specifications
Topline Platinum Plus 15W-40 Code: 2006	API: CK-4/ CJ-4/CI-4 +, SN, 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-1,2, MAN: M 3575, Mercedes Benz: MB 228.3 & 228.31, MTU: Category 2.1, Renault: RLD-4, Ford: WSS-M2C171-E
Topline Platinum 15W-40 Code: 2008	API: CK-4/ CJ-4/CI-4 +, SN, 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-1,2, MAN: M 3575, Mercedes Benz: MB 228.3 & 228.31, MTU: Category 2.1, Renault: RLD-4, Ford: WSS-M2C171-E
Topline EuroSyn 10W-40 (Full Synthetic) Code: 2010	API: CJ-4,CI-4 / SL, 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-2-17 Mack: 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
Ultra 9000 15W-40 Code: 2003	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 Premi-um 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.
Topline Express 15W-40 Code: 2002	API: CI-4+/SL, CI-4, CH-4, SAE Viscosity: 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.
Ultra 4000 15W-40 CODE: 2001	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
Turbo Diesel 15W-40 Code 2032	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
Ultra Mono Range 10W, 30, 40, 50 Code: 2210 to 2250	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).
HPDD 40 Code: 2200	API: CF/CF-2/SG, SAE: 40, ACEA: E1, Mercedes Benz: MB 227.1.

TOPLINE EUROSYN 10W-40

Topline EuroSyn is the ultimate state of the art full synthetic lubricant conforming to European IV & V emission standards and meets the highest levels for Ultra High-Performance Diesel (UHPD). Incorporating Low SAPS technology and provides greater lubricant life that protects all moving parts from wear and soot damage under all operating conditions.

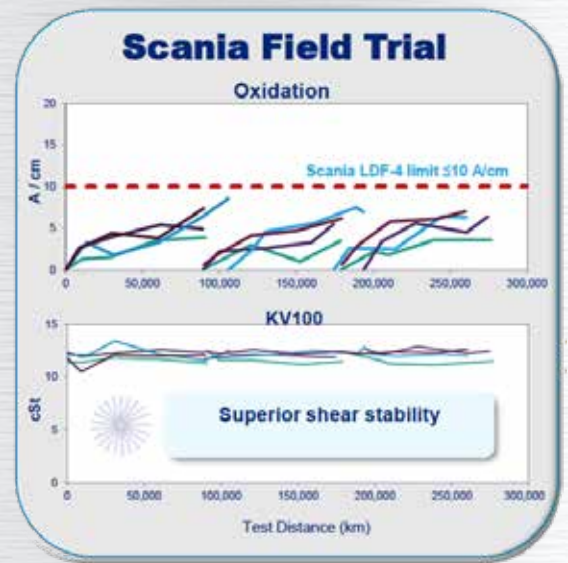
Topline EuroSyn has been formulated with unique synthetic base oils specifically to meet the requirements of European; American and Japanese design emission engines including those engines which incorporate Exhaust Gas Recycling (EGR), Diesel Particulate Filters (DPF) and Selective Catalytic Reduction (SCR) to provide fuel efficiency, high wear protection and long drain capability.

To achieve this ground breaking formulation a combination of 2 unique chemistries work synergistically to deliver a ultra high performing lubricants capable of spanning across 2 different diesel lubricant technologies.

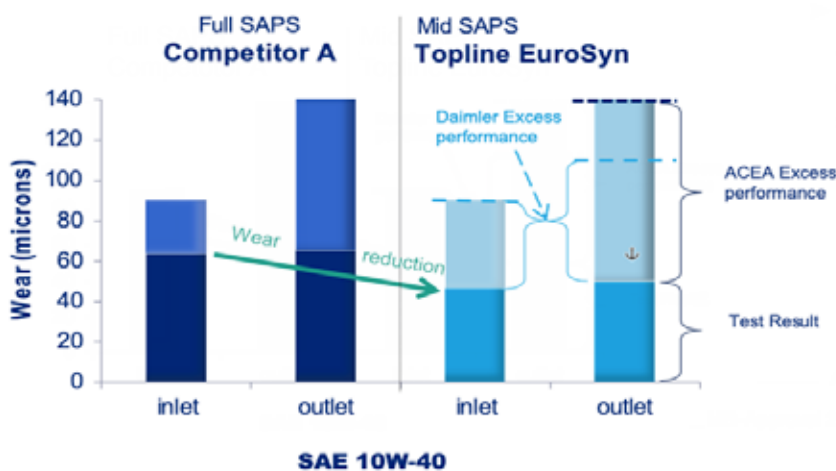
Using Salicylate and Sulfonate additive technology Topline EuroSyn offer a truly genuine LOW SAPS technology which covers Euro Euro I, II, III, IV and V engine performance specifications.

The unique additive technology in this product also reduces as much as 50% less metallic component content which extends Diesel Particulate Filter (DPF) life and reduces internal wear from combustion by product particles in the oil.

Fuel savings with this product are highly probable and testing indicates a total saving of 4% can be achieved in the right operating circumstances.



Cam wear



Enhanced engine reliability by controlling wear on critical engine parts exposed to severe mechanical stress

Limits for cam wear (microns)	
Inlet cam	Outlet cam
-	140
90	110

CEA :8.51

Superb wear results on cams

Outperforming Full SAPS competitor oil
 Delivering more than 50% excess performance on outlet cam wear against ACEA and MB-Approval 228.51 specifications

TOPLINE PLATINUM PLUS

Topline Platinum Plus is a heavy-duty diesel engine lubricant that not only meets but genuinely exceeds all requirements of high speed, turbocharged European, American and Japanese design emission engines. This includes those engines which incorporate Selective Catalytic Reduction (SCR), Exhaust Gas Recycling (EGR) and Diesel Particulate Filters (DPF) and full electronic management of fuel and emissions systems to provide fuel efficiency, high wear protection, long drain capability and optimisation of the EGR system life thereby decreasing the maintenance costs.

Exceptional Oxidation Control maintains the highest levels of cleanliness around the pistons and linings and in engines with turbochargers Topline Platinum Plus provides superb oxidation and outstanding diesel engine wear control.

Outstanding Shear Stability dramatically improves engine combustion pressures and provides a better ring seal helping fuel economy, engine cleanliness and extends engine oil life. Higher shear stability also allows the oil to adapt to increased pressure and temperatures and provides better primary and secondary lubrication of vital engine components.

Topline Platinum Plus is ideally suited for service equipment including high torque, high load applications found in Mining, Agricultural, Earthmoving, Forestry, Harvesting, Line Haul with multi-trailer combinations and Power Generation units.

Topline Platinum Plus is capable of extended drain and we recommend any oil drain extension should be carried out in conjunction with an monitored oil analysis program to achieve optimal drain intervals.



...DRIVEN BY PERFECTION

royallubricants.com.au

COMMERICAL DRIVELINE LUBRICANTS

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.

Our Syngear driveline lubricants range offers customers full synthetic performance with high thermal and sheer stability that deliver optimal performance characteristics in harsh Australian on and off highway driving conditions.. Providing superior lubrication in the most arduous applications is our primary aim with this range of premium gear lubricants.

Product	Specifications
Syngear LS 75W-85 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
Syngear 75W-80 Code: 9403	SAE: 75W-80, API: GL-4, US Military: MIL-L-2105, ZF TE-ML 01L, 02L,08,16K, ZF: TE-ML 02A, 02B,02D,02E, Volvo: 97305, 97307, Renault, Mercedes: 235.4, MAN: 341 Type Z-4, Z-3, Z-2, Z-1, MAN: 341 Type E-3, E-2, E-1, 341ML, 341N, Iveco, Eaton Europe 300,000km or 3 years
Syngear LS 75W-90 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)
Syngear LS 80W-140 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
Syngear Road Ranger 40 Code: 9429	API: GL-1/3, MT-1, Arvin Meritor: 0-81, Caterpillar: TO-4, TO-4M, Komatsu: KES 07.868.1 (2002), Eaton: PS-386, Eaton: PS-164 rev 7, General Motors: HN1223 for non-EP or mild EP type lubricants, Mack: TO-A Plus, Navistar: MPAPS B-6816 Type II, ZF TE-ML-03C, 07F, Ford: ESW-M2C-85-A
GearPro LS 85W-140 Code: 4001	API: GL-5, GL-6 (obsolete), US Military: MIL-PRF-2105E, MIL-L-2105D, GM: HN 1181, HN 1187, HN 1386, HN 1561, ZF: TE-ML 05A/C, 07, 08, 12C, 16, 21, Ford: M2C 1006-A/B, M2C 1013-A, M2C 105-A, M2C 197-A, API: MT-1, PG-2, Arvin Meritor 076-A, BTR: 5M-31, 5M-36, Mack: GO-J
GearPro LS 80W-90 Code: 4002	API: GL-5, GL-6, PG-2, MT-1 SAE Viscosiy: 80W-90, SAE: J-2360, Arvin Meritor: 076-D, BTR: 5M-31, 5M-36 Ford: M2C 1006-A/B, M2C 1013-A, M2C 104-A, Ford: M2C 105-AM2C 197-A, GM: HN 1181, HN 1187, HN 1386, HN 1561, Mack: GO-J, US Military: MIL-PRF-2105E, ZF: TE-ML 02, 05A/C, 07A, 08, 12C, 17B
Diff Oil LS 90 and 140 Code: 4006 and 4009	SAE: 90 and 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
Gear Road Ranger 50 Code: 4010	SAE: 50, API: MT-1, Caterpillar: TO-4, TO-4M, Komatsu: KES 07.868.1(2002), ZF TE-ML-03C, 07F
Opti Drive STO 80W-90 Code: 4025	SAE Viscosity: 80W-90, API: GL-5, Scania: STO 1:0 , 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
Syngear Industrial Gear Lubricants Code: 7629 to 7634	Syngear industrial gear oils are full synthetic gear oils enhanced with sulphur/phosphorus extreme pressure additive technology providing outstanding thermal stability and high load carrying capacity. Specifications: API: GL-3, DIN: 51517 Part 3, ISO: 150, 220, 320, 460, 680, 1000, AGMA: 9005 - D94, US Steel: 224, David Brown: Type E, Hansen Transmissions, Flender, Suitable for Müller Weingarten equipment.
Ingear Industrial Gear Lubricants Code: 7020 to 7027	Ingear industrial gear oils are premium quality, extreme pressure gear oils for use in enclosed gear boxes in industrial applications and may also be used for plain bearings where high gear loading or stressing is encountered. Specifications: API: GL-3, ISO: 68, 100, 150, 220, 320, 460, 680, 1000, U.S Steel: 224, David Brown: S1. 53. 101(E) AGMA: 9005-D94, DIN: 51517(Part 3)

TRANSMISSION FLUIDS

Boasting one of the most advanced wet brake transmission fluids on the market today our pure synthetic Syntrans Agri has proven itself invaluable in wet braking systems found on Moxy trucks and other systems requiring a superior wet brake fluid. Exceeding Volvo's WB 102 wet brake specification it is recognised as a serious competitor in the heavy earthmoving industry.

Syntrans MV also provides excellent thermal stability in Scania retarders and is a full synthetic high performance transmission fluid suitable wherever a Dexron 3 type fluid is required.

Product	Specifications
Syntrans MV 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 ATF DX 3. Also meets Allison: C-3, C-4, TES 295, TES 389, MAN: 339 Type V-2, Z-2, Z-3, MAN: 339F, 339 Type V-1, Z-1
Auto Trans DX3 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
Torque 10W, 30, 50, 60 Code 3710 to 3760	SAE Viscosity: 10W, 30W, 50W, 60W API: CD/GL3, Allison: C-4, Caterpillar: TO-4M, ZF: TE-ML 03 & 07 Komatsu: Kes 07.868.1 (2002).
Torque PLUS 30 and 50 Code: 3731 and 3751	SAE Viscosity: 30 and 50, Allison: C-4, Caterpillar: TO-4, TO-4M, Komatsu: KES 07.868.1 (2002) ZF: TE-ML-03C , TE-M0-7F. Blended with higher sheer stability and viscosity control for extreme working conditions.
Syntrans Agri 5W-30 Full Synthetic Universal Transmission and Wet Brake Fluid Code: 4205	SAE Viscosity: 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 (Poclain 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-1129A, 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



...DRIVEN BY PERFECTION

royallubricants.com.au

PREMIUM COMMERCIAL COOLANTS

Product	Specifications
GLYCOOL COOLANTS RANGE	AFNOR: NFR 15-601, ASTM: D3306, D4656, D4985, BS: 6580, Caterpillar: ELC, Caterpillar: 1 EO 535, Cummins: CES 14603, DAF: 742002, DAF: BTPS 606A, DAF: DCEA 615, Dennis Eagle, Fleet Guard Freightliner: Fleet Charge Power cool, FUSO: SAE J814-C, Hino: Genuine LL Coolant, Isuzu: (GM6277M & HN2217) IVECO: GM6038M, IVECO: AC9-50, Japanese: JIS K 2234, Kenworth: ALLCool, Komatsu: KES 07.892, Liebherr: MD 1-36-130, MAN: 324 SNF / 248, Mack: VCS Coolant, Mercedes Benz: Spec. 325.0, 325.5 Mitsubishi FUSO: Genuine Diesel LL Coolant Saab Scania: 6901, SAE: J 1034 and, JASO: M 324, Toyota: K2601G, UD: Long Life Coolant (Nissan), Volvo: WCS, Waukesha: 4-1974D Western Star: ASTM D6210 IVECO: Paraflu 11
6511 Concentrate (Green) 6501 50/50 Premix (Green)	
6512 Concentrate (Red) 6502 50/50 Premix (Red)	
OEM PLUS COOLANTS RANGE	ASTM: D-3306, D-4985, D-6210, D-5216 Caterpillar: EC-1, ELC, Case New Holland, CID-A-A-52624, Cummins: CES 14603, Cummins: Bulletin 3666132, Cummins: ES Compleat, DBL 7700, Detroit Diesel: Bulletin 7SE-298, EMD: M.I. 1748E, Ford: M97- B18-D, M97-B44-A, M97-B51-A Freightliner: 48 – 22880, GM:1825M, 1899M, Iveco: Cursor Engine, John Deere: 8650-5, John Deere: JDM HD24, K 2234 (Japanese), Kenworth: R026-170-97 Komatsu: KES 07.892 KSM 2142 (Korea) Mack: 014 GS 17009 MAN: 324, Mercedes Benz, MTU: MTL 5048, Navistar B1 Type III, PACCAR, Perkins, Saab Scania: 6901, SAE: J 1034 and JASO: M 324 TMC RP-330, TMC RP-338 Extended Life, Waukesha 4-1974D, Volvo: (Spec No. 1286083)
6531 Concentrate (Green) 6521 50/50 Premix (Green)	
6522 Concentrate (Red) 6532 50/50 Premix (Red)	
LONG LIFE COOLANT RANGE	TMC RP-338 Extended Life, TMC RP-330, ASTM: D-3306, D-4985, D-6211, D-5216, CID - A - A - 52624 SAE: J 1034, J1941 and JASO M 324, JIS K 2234 Case New Holland, Cummins: CES MG03, 85T8-2 Detroit Diesel: Bulletin 7SE298 EMD M.I. 1748E, Deutz: DQC CA-14, AG 0199-99-1115 Ford: M97B44-A, ESE FM97B18-C Freightliner: 48 - 22880, GM: 1899M and 1825M, Iveco, Jenbacher TA-Nr. 1000-021 John Deere: 8650-5, John Deere: JDM HD24 Liebherr: TVL 035, 23009 A MAN: 324 NF, BW Liste 3.3.7 Mazda: MES MN 121D Mercedes Benz: DBL 7700 MTU: MTL 5048, Nissan: NES M5509, Saab Scania: 6901 Waukesha 4-1974D, Volvo: (Spec No. 1286083)
6543 Concentrate (Yellow) 6553 50/50 Premix (Yellow)	
6552 50/50 Premix (Red)	
RCP PLUS INHIBITOR	A premium quality, long life, organic, water based rust and corrosion inhibitor. It has been formulated using organic acid technology (OAT) Nalco Maxitreat 3447 (Concentrate) Powercool GF9477-C (Concentrate) BASF Glyscorr G93-94 CCI Corporation A216, BP Castrol Ext Life Corrosion Chevron Texaco Ext. Life Inhibitor, Fleetguard DCA-4L Penray Pencoal 3000
6560 Concentrate (Green)	

Glycool Coolants Range

6 years / 600,000 kilometres or 6,000hrs

Organic Acid Coolant (OAT)

Produced in both concentrate and premix formulations for easy use and convenience. They are premium anti-freeze and anti-boil coolants based on carboxylate technology and contain no silicates, borates, phosphates, nitrites, nitrates or amines. Glycool coolants are suitable for use in automotive and heavy-duty diesel engines. Containing a double layer inhibitor package, Glycool coolants are a true long drain coolant technology with exceptional anti-corrosion protection properties.

OEM Plus Coolant Range

1 year / 400,000 kilometers or 4,000 hours

Unique Nitrate / Nitrite chemistry.

Formulated with a combination of organic technology corrosion inhibitors with conventional heavy-duty chemical inhibitors common to U.S. technology for compliance with Cummins, Detroit and CAT equipment that contain low silicate, nitrite, nitrate and molybdate. OEM Plus coolants contain nitrite-based technology and are suitable for typical concentration measuring techniques.

Longlife Coolant Range

1 year / 400,000 kilometers or 4,000 hours

Mono-ethylene glycol and a heavy-duty inhibitors.

A heavy-duty hybrid anti-boil / anti-freeze coolant utilising nitrite chemistry. Longlife coolant uses an advanced combination of organic technology corrosion inhibitors that contain no silicates, borates, phosphates or amines combined with conventional technology ingredients included for suitability in a range of vehicles. Longlife coolants contain nitrite, nitrate and molybdate.

COMMERCIAL GREASES

Our extensive grease range covers proprietary formulations developed to out perform many standard grease formulations on the market today. From Full Synthetic to ultra high base oil formulations that many clients consider the most robust highest performing greases on the market today.

Product	Specifications
XHD Grease Code: 9031	Ultra thick and tacky premium grease suitable for Chassis, Pins, Bushes and Rock Breaker Hammers. One of the most robust commercial greases on the market today.
Easy Pump Code: 9032	A premium, heavy duty grease still capable of "Easy Pump" characteristics. Making it the ideal all year round grease for Agricultural, Earthmoving and transport under chassis greasing applications.
Syntec XP Code: 9010	Syntec XP is a waterproof Synthetic, 'state of the art' high temperature grease that has a smooth texture and is the prime recommendation for automotive, marine and industrial applications.
Lithplex EP2 Code: 9003	Lithplex EP2 is a multi purpose, extreme pressure, high temperature, lithium complex grease which contains a light tackiness agent and is an ideal grease for multiple greasing applications.
Red Tac EP2 Code: 9008	Red Tac EP2 is a water resistant, premium multi purpose, heavy duty extreme pressure grease containing special EP additives, rust and oxidation inhibitors and tackiness agent.
Moly Hi-Load 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.
Multi Purpose EP2 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, high quality base oil and rust and oxidation inhibitors. An ideal low cost chassis and general purpose grease.
Semi Fluid EP Greases Codes: 9019 (EP-00), 9023 (EP-0), 9040 (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
Copper Anti-Seize Code: 9015	Copper Anti-Seize Compound is a superior quality, high temperature anti-seize and lubricating compound.
Nickel Anti-Seize Code: 9016	Nickel Anti-Seize Compound is a product that provides lubrication allowing easy assembly and disassembly of metal parts.
Rubber EP X-9 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.



...DRIVEN BY PERFECTION

royallubricants.com.au

HYDRAULIC FLUIDS

Specialist Hydraulic Fluids Range

Hydraulic fluids are running with higher load pressures and temperatures, and are required to provide adequate protection and performance under all operating conditions. The Hydrol hydraulic fluids range has you and your equipment covered all year round.

Product	Specifications
Hydrol AW 15, 22, 32, 46, 68, 100, 150 Code: 5000 to 5006	AFNOR: NF E 48-603, AFNOR: NF E 48 690, 691 Filterability, Cincinnati Machine: P-68, P-69, P-70, Denison: HF-0, HF-2, DIN: 51524 Part 2 & 3 (HVLV), Eaton Vickers: I-286-S, Eaton Vickers: M-2950-S (35VQ25)M, Ford: M6C 32, General Motors: LH-04-1, LH-06-1, LH-15-1, BF Goodrich: 0152, US Steel: 136, 127.
Hydrol AW HVI 32, 46, 68 Code: 5102 to 5104	AFNOR: NF E 48-603, AFNOR: NF E 48 690, 691 Filterability, Cincinnati Machine: P-68, P-69, P-70, Denison: HF-0, HF-2, DIN: 51524 Part 2 & 3 (HVLV), Eaton Vickers: I-286-S, Eaton Vickers: M-2950-S (35VQ25)M, Ford: M6C 32, General Motors: LH-04-1, LH-06-1, LH-15-1, BF Goodrich: 0152, US Steel: 136, 127.
Hydrol AW ZF 32, 46, 68 Code: 5117 to 5119	Hydrol AW Zinc Free hydraulic fluids have been specially formulated for use in hydraulic systems containing silver components including Lucas PM500 series pumps.
C4 Hydraulic 10W Code: 3700	Suited to both on-highway and off-highway mobile hydraulic applications. SAE Viscosity: 10W, MIL-L-2104D & E, Allison: C-4, Caterpillar: TO-2.
Hydraulic Jack Oil Code: 5112	Hydraulic Jack Oil is a premium quality hydraulic oil made from selected base stocks and an advanced anti-wear additive. It is recommended for use in all types of hydraulic jacks and hoists.

Product	Specifications
Hydrol Retain 46 and 68 Multi Viscosity, Sheer Stable Hydraulic Fluids Code: 5303 to 5304	Boasting superior thermal stability and viscosity retention along with excellent air separation properties Hydrol Retain HE 46 and 68 are an ideal choice in arduous operating conditions. ISO: 46 and 68, Vickers: V-104C and 35VQ25 vane, 1-286-S, M2950-S, Denison: HF-1, HF-2, HF-0, Volume vane pumps, Cincinnati Milacron: P-68, P-69, P-70, DIN: 51524 Part 2, Lee Norse: 100-1, Jeffrey: No. 87, Ford: M-6C32, US Steel: 136, 127, BF Goodrich: 0152, General Motors: LH- 04-1, LH-06-1, LH- 5-1, Commercial Hydraulics (except PM500 Series) AFNOR: E48-603

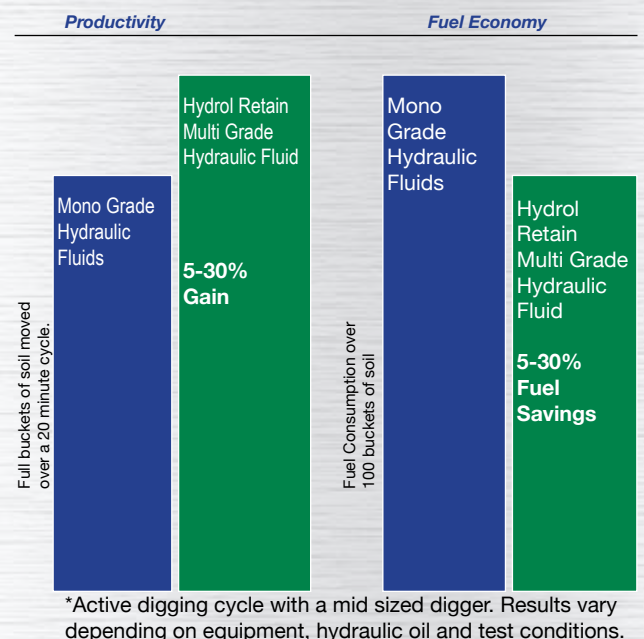
Hydrol Retain Hydraulic Fluids

HIGH EFFICIENCY MULTI GRADE HYDRAULIC FLUIDS

Higher system efficiency presents a strong argument for using multi-grade hydraulic fluids, but their potential for improved machine productivity can have an even greater impact on your bottom line.

Key Benefits:

- Proven superior viscosity control and anti-wear technology
- Performance that exceeds many major OEM requirements
- Sustainable increases in productivity and reductions in energy consumption
- Prolonged Total Oil Service Times (TOST)
- Better oil pressure and stability under high load / high heat conditions
- Less wear on pumps and hydraulic equipment
- Superior air separation and resistance to foaming
- Enhancing equipment performance and longevity



ANCILLARY RANGE

Our ancillary range of fluids and specialty chemicals have been used across every commercial industry and recognised as quality in every application. From premium coolants to outstanding degreaser and cleaners we have a comprehensive range of ancillary fluids to complete your day to day servicing and maintenance requirements.

Product	Specifications
Concentrate Diesel Treatment Code: 6052	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. 1L treats up to 3000L of Diesel
Mighty Mint Hand Cleaner Code: 6037	A premium non-petroleum based hand cleaner. A unique chemistry containing powerful cleaning agents dissolves dirt, grease, oil and grime from hands.
Heavy Duty Truck Wash Code: 6067	Heavy Duty Truck Wash is suitable for all good paint work. Removes dirt, grease and road grime. Spray on and rinse off.
Brake Fluid Dot 4 Code: 6010	SAE Viscosity: J1703 JUN 91, 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.
Solvent Degreaser and Brake Cleaner	We offer a range of solvent based degreasers and high quality brake cleaners. Please contact your representative for information on the range available in your area or visit our website for additional information.



...DRIVEN BY PERFECTION

royallubricants.com.au



**THE INNOVATIVE
AUSTRALIAN**

Brisbane:

1 Potassium Street, Narangba
Queensland, AUSTRALIA 4504
Tel: +61 7 3203 0089
Fax: +61 7 3203 3700

Melbourne:

40 Kimberly Road, Dandenong South,
Victoria, AUSTRALIA 3175
Tel: +61 3 9768 2441
Fax: +61 3 9768 3325

Townsville:

13 Elquestro Way, Bohle, Townsville,
Queensland, AUSTRALIA 4818
Tel: +61 7 4774 8835

Perth:

9 Orchard Road, Maddington,
Western Australia, AUSTRALIA 6109
Tel: +61 8 6461 6868

New Zealand:

Partmaster Ltd

481 Rosebank Road, Auckland,
NEW ZEALAND 1746
Tel: +64 9 309 0799
www.partmaster.kiwi

info@royallubricants.com.au
www.royallubricants.com.au

Also Stocked By:

RPL05. 7/2021