



AGRICULTURAL LUBRICATION



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PERFORMANCE BASED AGRICULTURAL SOLUTIONS

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

Our Agricultural lubricants range has been specifically developed to meet today's mixed fleet operator requirements. This range has been developed to include broad acre farming, cane harvest and cultivation, permanent crop cultivation, livestock farming, yield transportation and many more agricultural applications.

With increasing demands on engine, transmission and hydraulic 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.



Towards a Greener Tomorrow



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AGRICULTURAL DIESEL ENGINE LUBRICANTS

Our innovative range of premium agricultural diesel engine lubricants feature the highly popular Topline Express and Topline Platinum Plus diesel engine oils range. Our range offers agricultural producers complete piece of mind where mixed fleet servicing is required. With a 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 you lubricant servicing requirements.



Product	Common Agricultural Machinery Listings
Topline Platinum PLUS 15W-40 API: CK-4/ CJ-4/CI-4 +/CI-4, SN SAE Viscosity: 15W-40 ACEA: E9 – 12 Code: 2006	Case Combine Cane Harvesters CASE IH 6.7L, 8.7L, IVECO Cursor 11, 13, 16, 2 and 4wd Tractors: Tier 4, Tier 4B Challenger AGCO: 4.9L, 9.8L & Tier 4 engines, Fendt Combine Harvesters: Iveco Tier 2, 3, 4, JCB Tractors: Sisu 74 AW, AWI-IV-38, John Deere Combine Harvesters: Tier 3 & 4, Cummins QSK19, ATV, Sprayer John Deere 4.5L, 6.8L, 9.0L John Deere 2 & 4WD Tractors: Yanmar 3TNV84T, 4TNV86CHT, Yanmar Tier 4. John Deere Tier 2, John Deere Tier 3, John Deere Tier 4 & 4i, John Deere PowerTech 9.0L, John Deere PX, PSS 13.5L, Cummins QSX 15L, Cotton Pickers: John Deere 6090HN, John Deere Tier 2, John Deere Tier 3, John Deere Tier 4, Kubota Tractors & Utilities: Kubota D & V Series, Kubota Tier 4, Massey Ferguson Combined Harvesters: AGCO Tier 4F, Tractors Sisu DTA, Iveco F5DFL4, Sisu Tier 4i, AGCO Power 44, 33, AGCO Power Tier 2, AGCO Power Tier 4, AGO Power 8.4L Winfrowers and Harvesters AGCO Power Tier 4, Perkins, Betapower Tier 4, New Holland (Combine Harvesters) CR8.90, 9.90, 10.90, Iveco Cursor Tier 4B, Tractors Tier 4, Cummins QSX, Lombardini LD, VDM, Steyr: Sisu Tier 4, Valtra : Sisu Tier 4, Sisu 33 AWI, 44 AWI, 49 AWF, 66 AWF, 74 AWI
Topline Platinum 15W-40 Code: 2008	Same Listings As Above (Topline Platinum PLUS)
Topline EuroSyn 10W-40 Full Synthetic Euro 1 to Euro 5 Compliant Code: 2010	Claas: (Combine Harvesters) Mercedes: OM 422A, Mercedes: OM 402,441, 442, 457, Mercedes: OM 460, 502, Cat: C6.6, C13, (Tractors) Deutz Turbo Engnies, Deutz-Fahr: (Combine Harvesters) Deutz, (Tractors) Deutz L04, L06, Tier 1, 2, 3, Deutz BF6M, 1013FC, Fendt: (Combine Harvesters) Iveco Tier 2, 3, 4, Sisu 66 AWI-4V, Deutz BF6M, 1013FC (Tractors) AGCO Power Citius 33, 44, Deutz BF6M, 1013FC, MAN D2676, John Deere (Cane Harvesters) John Deere 6081, 6090, John Deere Tier 4, (Combine Harvesters) John Deere Tier 2, John Deere Tier 3, John Deere Tier 4, Cummins QSK19, (Tracked Tractors) John Deere PowerTech 6.8L, (Cotton Pickers) John Deere 8.1L, 13.5L Can also be used where any API: CJ-4 or API: CI-4 15W-40 Diesel engine oil is recommended.
Ultra 9000 15W-40 API: CJ-4/ CI-4 +/CI-4, SM ACEA: E9 – 08 Code: 2003	Case IH (Cane Harvesters) CASE IH C9, Scania DC9, Combine Harvesters, CASE IH 8.3L, 9.0L, 10.3L, 12.9, (2 & 4WD Tractors) CASE IH 4.4L, 4.5L, CASE IH 4.5L, 6.7L with SCR Tier 4, CASE IH 9.0L, Tier 3, Challenger: Tractors CAT C9, C18, Tier 3, Class: Combine Harvesters Mercedes OM 422A, Cat C6.6, C13, Tractors John Deere 4.5L, 6.8L, Perkins, Gold Acres: Sprayers, Cummins Tier 3, John Deere: Cane Harvesters 6081, 6090 Combine Harvesters) John Deere Tier 2, Cotton Picker John Deere 6068T, Kubota: Kubota Tier 3, Massey Ferguson: Combine Harvesters Perkins 1104D, 1106D, Sisu Tier 3, New Holland: CNH 6.8L, 7.8L, FPT, NEF 4.5, 6.7, Iveco Cursor 9, 10, 13, Caterpillar C18, Iveco Vector 8, Tractors F5C, FPT, NEF 4.5, 6.7, Tier 3, Yanmar 6.6L, 8.3L, Iveco Cursor 12.9L, Iveco S8000, Cummins QSX, Same: Deutz 2012, Deutz Tier 3, Shibaura: Tier 4, Steyr: Kompakt 3.2L, 4.5L, 6.7L, Sisu Tier 3, Valtra: Sisu Tier 3, Sisu 66 CTA, 74 CTA, Sisu 33 CTA, 44 CWA, 44 DTA, 49 CWA
Topline Express 15W-40 API: CI-4 Plus/SL, CI-4, CH-4 Code: 2002	Case IH (Cane Harvesters) CASE IH C9, Scania DC9, Combine Harvesters, CASE IH 8.3L, 9.0L, 10.3L, 12.9, (2 & 4WD Tractors) CASE IH 4.4L, 4.5L, CASE IH 4.5L, 6.7L with SCR Tier 4, CASE IH 9.0L, Tier 3, Challenger: Tractors CAT C9, C18, Tier 3, Class: Combine Harvesters Mercedes OM 422A, Cat C6.6, C13, Tractors John Deere 4.5L, 6.8L, Perkins, Gold Acres: Sprayers, Cummins Tier 3, John Deere: Cane Harvesters 6081, 6090 Combine Harvesters) John Deere Tier 2, Cotton Picker John Deere 6068T, Kubota: Kubota Tier 3, Massey Ferguson: Combine Harvesters Perkins 1104D, 1106D, Sisu Tier 3, New Holland: CNH 6.8L, 7.8L, FPT, NEF 4.5, 6.7, Iveco Cursor 9, 10, 13, Caterpillar C18, Iveco Vector 8, Tractors F5C, FPT, NEF 4.5, 6.7, Tier 3, Yanmar 6.6L, 8.3L, Iveco Cursor 12.9L, Iveco S8000, Cummins QSX, Same: Deutz 2012, Deutz Tier 3, Shibaura: Tier 4, Steyr: Kompakt 3.2L, 4.5L, 6.7L, Sisu Tier 3, Valtra: Sisu Tier 3, Sisu 66 CTA, 74 CTA, Sisu 33 CTA, 44 CWA, 44 DTA, 49 CWA

DIESEL ENGINE LUBRICANTS



Product	Commerical Specifications and Approvals
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: CI-4 / SL, CJ-4, SAE Viscosity: 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: 228.31, 228.51, 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 Euro 1 to Euro 5 engine compliant
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 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
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 Codes: 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
Multi Farm Code: 2600	API: CE, CD, CF-4, CG-4/SE, SF, GL-4, GL-5 (low speed/high torque) SAE Viscosity: 15W-40, ACEA: E2, Allison: C-4, Case-IH: MS 1207, Caterpillar: TO-2, Ford: M2C-159B, John Deere: JDM J27, Massey Ferguson: CMS 1139, 1144, 1145, MAN: 271, Mercedes Benz: MB 227.1, 228.1, 228.3 MIL-L-2104 D, New Holland: NH030C, ZF: TE-ML 06A, 06B, 06C, 06D, 07B

AGRICULTURAL DRIVELINE LUBRICANTS

Agricultural driveline lubrication has diversified into more specialised formulations to cater for various gearbox, differential, hubs other various compartment configurations in modern agricultural equipment and machinery. Royal Precision Lubricants is at the forefront of proprietary liquid engineering high performance gear lubricants.

Our Opti Drive gear lubricants range offers customers unique formulations that deliver superior performance characteristics. Providing excellent lubrication in the most arduous applications is our primary aim with this range of proprietary gear lubricants.

Product	Specifications
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
GearPro LS 85W-140 and 80W-90 Codes: 4001 and 4002	SAE: 85W-140 and 80W-90, API: GL-5, MT-1, PG-2, US Military: MIL-PRF-2105E, Mack: GO-J, Limited Slip Rated
Diff Oil LS 90 and 140 Codes: 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
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
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
Syngear Industrial Gear Lubricants Codes: 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 Codes: 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)
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
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

AGRICULTURAL TRANSMISSION FLUIDS

Boasting one of the most advanced UTTO transmission fluids on the market today our uniquely formulated Syntrans Agri has proven itself invaluable in systems requiring a superior hydrostatic transmission fluid. Exceeding Volvo's WB 102 wet brake specification it is recognised as an outstanding lubricant across both agricultural and commercial lubrication industries.

Product	Specifications
Syntrans MV 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 ATF DX 3 and Auto Trans 95LE.
Auto Trans DX3 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
Torque 10W, 30, 50, 60 Codes: 3710 to 3760	SAE: 10W, 30W, 50W, 60W API: CD/GL-3, Allison: C-4, Caterpillar: TO-4/M, ZF: TE-ML 03 & 07 Komatsu: Kes 07.868.1 (2002)
Torque PLUS 30 Code: 3731	API: CF, MT-1, SAE Viscosity: 30, Allison: C-4 , Komatsu: KES 07.861.1 (2002), ZF: TE-ML-03C, ZF TE-M0-7F Caterpillar: TO-4, TO-4M
Torque PLUS 50 Code: 3751	API: CF, MT-1, SAE Viscosity: 50, Allison: C-4 , Komatsu: KES 07.861.1 (2002), ZF: TE-ML-03C, ZF TE-M0-7F Caterpillar: TO-4, TO-4M. Viscosity Index 129
Syntrans Agri 5W-30 Code: 4205 Full Synthetic Universal Transmission and Wet Brake Fluid	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
Agritrans Code: 4200	SAE Viscosity:10W-30, API: GL-4, AGCO, Allis, Chalmers: Power Fluid 821XL, Allison: C-4, Case-IH: MS 1204,1205,1206,1207,1209,1210, 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



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PREMIUM COOLANTS RANGE

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: Parafly 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 Glysacorr 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. Our coolants are premium anti-freeze and anti-boil coolants based on carboxylate technology and contain no silicates, borates, phosphates, nitrites, amines or nitrates. Glycool coolants are suitable for use in automotive and heavy-duty diesel engines. Containing a double layer inhibitor package, Glycool coolants contain long drain coolant technology with exceptional anti-corrosion protection properties.

OEM Plus Coolant Range

1 year / 400,000 kilometres 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, molybdate nitrite and nitrate. OEM Plus coolants contain nitrite-based technology and are suitable for typical concentration measuring techniques.

Longlife Coolant Range

1 year / 400,000 kilometres 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 molybdate, nitrite and nitrate.

AGRICULTURAL 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 all general agricultural greasing. 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 for 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, a 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), 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
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.



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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. Hydrol Retain fluids are formulated to be amongst the highest performing hydraulic fluids available on the market today. Delivering reduced operating costs and higher output performance while providing top tier wear protection, Hydrol Retain are the go to fluids when performance matters.

Product	Specifications
Hydrol AW 15, 22, 32, 46, 68, 100, 150 Codes: 5000 to 5006	AFNOR: NF E 48-603, AFNOR: NF E 48 690, 691 Filter-ability, Cincinnati Machine: P-68, P-69, P-70, Denison: HF-0, HF-2, DIN: 51524 Part 2 & 3 (HVLP) , 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 Codes: 5102 to 5104	AFNOR: NF E 48-603, AFNOR: NF E 48 690, 691 Filter-ability, Cincinnati Machine: P-68, P-69, P-70, Denison: HF-0, HF-2, DIN: 51524 Part 2 & 3 (HVLP) , 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 Codes: 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	A premium universal hydraulic jack oil designed to provide excellent performance in lifting applications under high load and strain.

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 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

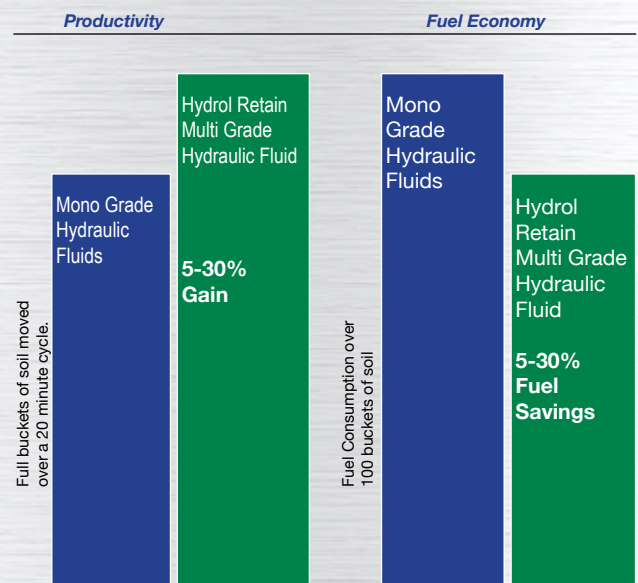
Hydrol Retain Hydraulic Fluids

HIGH EFFICIENCY MULTI GRADE HYDRAULIC FLUIDS

Higher system efficiency presents a strong argument for using multigrade 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



*Active digging cycle with a mid sized digger. Results vary depending on equipment, hydraulic oil and test conditions.

SMALL ENGINE LUBRICANTS

Quad and Farm Bike Lubricants

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 Oils 2.5W, 5W, 7.5W, 10W, 15W Codes: 1739 - 1743	Viscosity: 2.5W (Non SAE) ,5W, 7.5W (Non SAE) 10W and 15W	100% PAO / Ester



Small Engine and Marine Range

Product	Specifications	
Syntec 4-Stroke Marine 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.	
Four Stroke 30 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	
Multi Grade 4-Stroke Code: 1021	SAE: 10W-40, API: SL/CF, ACEA: A3 / B3, Japan: Japanese CF	
2-Stroke 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.	
Ultra 2-Stroke 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.	
Chain & Bar Oil 150 & 220 Codes: 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.	

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 degreasers 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.
Brake Fluid Dot 3 Code: 6011	Australian Standards: AS 1960-2005 Grade 1, SAE: J1703, FMVSS 116 DOT 3, ISO: 4925 Class 3
Degreasers and Brake Cleaners	Royal Precision Lubricants has an extensive range of cleaners, degreasers and other solvents in our range. Please feel free to contact our staff for a list of products available or visit our website for more information.



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