



MORRIS
LUBRICANTS

AGRICULTURAL & BIOGAS OILS, GREASES AND LUBRICANTS



PERFORMANCE THROUGH TECHNOLOGY...



AGRICULTURAL OILS TO OPTIMISE FARM EQUIPMENT

The Morris Lubricants range of agricultural oils, greases and lubricants have been specifically designed and manufactured to meet the demands of modern farming. These products cover a wide range of applications including engines, gearboxes, hydraulics, brakes, cooling systems and general maintenance for a wide range of agricultural equipment including tractors, harvest machinery, diesel generators, gas engines, all-terrain vehicles, air compressors, power saws, chainsaws and other agricultural machines.

Using Morris Lubricants products can help maximise the efficiency of agricultural and farming equipment. By working closely in collaboration with the world's major agricultural OEM's ensures that Morris Lubricants' products are approved to maximise performance, enhance service life and maintain reliability, regardless of which manufacturer of machinery used. These products also help to minimise downtime, improve fuel efficiency, reduce running costs and protect your investment even when working long hours in extreme conditions.

WHY USE MORRIS LUBRICANTS?

Nurturing customer relationships and providing expert technical advice, all backed up by customer support is guaranteed when working with Morris Lubricants.

For over 150 years, Morris Lubricants have been innovating and developing quality lubricants solutions for the agricultural industry. Today the company continues to invest in state-of-the-art technology and undertakes the latest industry research to ensure the product range continues to deliver and exceeds customer expectations.

Morris Lubricants supplies superior quality oils, greases and lubricants in various pack sizes throughout the whole of the UK and exports to ninety countries worldwide.

With a proud British heritage the company is one of the largest privately owned lubricants manufacturers that goes back five generations.



UNIVERSAL TRACTOR OILS

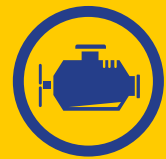
Advanced multifunctional lubricants designed to cover agricultural lubricant requirements, whilst maintaining a reduced inventory. Applications include engines, gearboxes, hydraulics and oil immersed brake systems. Developed with the latest additive technology and high-quality base oils, the range offers superior operational and protective performance even in the harshest of operating conditions.



| Product Name | Pack Sizes | Part No. | Specifications |
|---------------------------|------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Agrimax Super Farm 10W-30 | 4 x 5L | SFU 005 | Transmission, Driveline and Engine: MF M-1145 Approved, API CG-4/SF, MF M-1144 / M-1139, API CI-4 (Soot control*), Ford M2C-159B / M2C-121B, MB 227.1, John Deere JDM J27, MB 228.3 (Wear protection* / Piston Cleanliness*), ZF TE-ML 06B (includes C,Q,R), MIL-L-2104D, ZF TE-ML 06D, 06F, 07B, API GL-4, Allison C4, Caterpillar T-02 |
| | 25L | SFU 025 | |
| | 205L | SFU 205 | |
| Agrimax STOU 15W-30 | 25L | TOU 025 | API CF-4/SF, Massey Ferguson M-1139, Ford M2C 159B, API GL-4, Caterpillar TO-2, Allison C4 |
| | 205L | TOU 205 | |
| Agrimax UTTO 10W-40 | 25L | SVT 025 | Transmission and Driveline: MF M-1145 Approved, MF M-1144 / M-1139, Ford M2C-159B / M2C-121B, John Deere JDM J27, ZF TE-ML 06B (includes C,Q,R), ZF TE-ML 06D, 06F, 07B, API GL-4, Allison C4, Caterpillar T-02 |
| | 205L | SVT 205 | |

HEAVY DUTY DIESEL ENGINE OILS

A range of OEM approved heavy duty diesel engine oils that fulfils the needs of previous and current generation diesel engines, along with the various emission requirements. These oils provide maximum rationalisation potential where a mix of tractors and combine harvesters are used from different manufacturers, models and engine technologies.



| Product Name | Product Attributes | Pack Sizes | Part No. | Specifications |
|----------------------|--------------------|------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Versimax HD14 10W-30 | Ⓜ | 25L | VMF 025 | API CK-4, ACEA E7/E11, CAT ECF-3, Cummins CES 20086, DTFR 15C100, Detroit Diesel DFS Oil Specification 93K222, Deutz DQC III-18 LA, MAN 3775, MTU Type 2.1, Ford 171-FI, Jaso DH-2. Approvals: Volvo VDS-4.5, Mack EO-S-4.5, Renault VI RLD-3. |
| | | 205L | VMF 205 | |
| Versimax HD12 15W-40 | Ⓜ | 25L | ACK 025 | API CK-4, API SN, ACEA E7/E11, Allison TES-439, CAT ECF-3, DTFR 15C100, Detroit Diesel DFS Oil Specification 93K222, Deutz DQC III-18 LA, JASO (2015) DH-2, MAN 3775, MTU Type 2.1, Ford 171-FI Approvals: Volvo VDS-4.5, Mack EO-S-4.5, Cummins CES 20086, Renault VI RLD-3. |
| | | 205L | ACK 205 | |
| Versimax HD9 10W-40 | Ⓛ Ⓜ | 4 x 5L | EST 005 | ACEA E7 / E8 / E11, API CK-4 / SN, CAT ECF-3, Deutz DQC IV-18 LA, DTFR 15C100, Detroit Diesel 93K222, DTFR 15C120, JASO DH-2-24, MTU category 3.1. Approvals: Cummins CES 20086, DTFR 15C110, Mack EO-S 4.5, MAN 3775, Renault Truck RLD-3, Volvo VDS-4.5. |
| | | 25L | EST 025 | |
| | | 205L | EST 205 | |
| Versimax HD8 10W-40 | Ⓛ | 4 x 5L | RUL 005 | ACEA E8, DAF, DTFR 15C110. |
| | | 25L | RUL 025 | |
| | | 205L | RUL 205 | |
| Versimax HD4 15W-40 | | 4 x 5L | RVS 005 | ACEA E7, API CI-4/SL, ECF-2, Cummins CES 20076 / 77 / 78, MTU Type 2, MAN M3275-I, MACK EO-N, RVI RLD2, Volvo VDS3. Approvals: DTFR 15B110. |
| | | 25L | RVS 025 | |
| | | 205L | RVS 205 | |

Ⓛ Low SAPS Ⓜ Mid SAPS

HYDRAULIC OILS

Hydraulic oils designed for a range of agricultural hydraulic system applications. Designed to be subjected to extreme operating conditions and temperatures, they are available in a variety of viscosity grades. These products contain effective anti-foam additives to facilitate the rapid release of air and reduce sponginess in system operation and during duty use.



| Product Name | Pack Sizes | Part No. | Specifications |
|---------------------------------|------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Triad 32 | 4 x 5L | TRI 005 | DIN 51524 Part 2 (HLP), DIN 51502-HLP, Denison HF-2, Cincinnati Machine P-68, AFNOR NFE 48-603 (HM), ISO 6743-4 2015-HM, ISO 11158, Eaton E-FDGN-TB002-E, AIST 126/127, Parker HF-0, HF-1. Bosch Rexroth RDE 90235 |
| | 25L | TRI 025 | |
| | 205L | TRI 205 | |
| Triad 46 | 4 x 5L | TRF 005 | DIN 51524 Part 2 (HLP), DIN 51502-HLP, Denison HF-2, Cincinnati Machine P-70, AFNOR NFE 48-603 (HM), ISO 6743-4 2015-HM, ISO 11158, Eaton E-FDGN-TB002-E, AIST 126/127, Parker HF-0, HF-1. Bosch Rexroth RDE 90235 |
| | 25L | TRF 025 | |
| | 205L | TRF 205 | |
| Triad 68 | 25L | TRS 025 | DIN 51524 Part 2 (HLP), DIN 51502-HLP, Denison HF-2, Cincinnati Machine P-69, AFNOR NFE 48-603 (HM), ISO 6743-4 2015-HM, ISO 11158, Eaton E-FDGN-TB002-E, AIST 126/127, Parker HF-0, HF-1. Bosch Rexroth RDE 90235 |
| | 205L | TRS 205 | |
| Liquimatic HV 32 | 25L | HVA 025 | DIN 51524-2 (HM), DIN 51524-3 (HV), Eaton I-286-S3, M-2950-S, AFNOR E48-603 (HV:HM), Parker HF-0, HF-1, HF-2, Bosch Rexroth RE 90220, MAG P-68, ISO 11158 (HM, HV), SAE MS 1004 (HM, HV), AIST 126, 127, ASTM D6158, JCMAS PO41 HK, ANSI / AGMS 9005-EO2-RO, GM LS-2, SEB 181222 |
| | 205L | HVA 205 | |
| Liquimatic HV 46 | 4 x 5L | LHV 005 | DIN 51524-2 (HM), DIN 51524-3 (HV), Poclairn, Eaton I-286-S3, M-2950-S, AFNOR E48-603 (HV:HM), Parker HF-0, HF-1, HF-2, Bosch Rexroth RE 90220, MAG P-70, ISO 11158 (HM, HV), SAE MS 1004 (HM, HV), AIST 126, 127, ASTM D6158, JCMAS PO41 HK, ANSI / AGMS 9005-EO2-RO, GM LS-2, SEB 181222 |
| | 25L | LHV 025 | |
| | 205L | LHV 205 | |
| Liquimatic HV 68 | 25L | LHS 025 | DIN 51524-2 (HM), DIN 51524-3 (HV), Eaton I-286-S3, M-2950-S, AFNOR E48-603 (HV:HM), Parker HF-0, HF-1, HF-2, Bosch Rexroth RE 90220, MAG P-69, ISO 11158 (HM, HV), SAE MS 1004 (HM, HV), AIST 126, 127, ASTM D6158, JCMAS PO41 HK, ANSI / AGMS 9005-EO2-RO, GM LS-2, SEB 181222 |
| | 205L | LHS 205 | |
| Liquimatic No. 4 (ISO VG 32) | 4 x 5L | LIF 005 | DIN 51524 Parts I and II (HLP), Bosch Rexroth (formerly Mannesmann Rexroth) RE 90220, Cincinnati Milacron P-68, General Motors LS-02, Vickers Eaton I-286-S, M-2950-S German Steel Industry SEB 181222, Denison HF-0, HF-1, HF-2 US Steel No.s 126, 127, 136, AFNOR NFE 48-603 Parts I and II, SAE MS1004 |
| | 25L | LIF 025 | |
| | 205L | LIF 205 | |
| Liquimatic No. 5 (ISO VG 46) | 25L | LIQ 025 | DIN 51524 Parts I and II (HLP), Bosch Rexroth (formerly Mannesmann Rexroth) RE 90220, Cincinnati Milacron P-70, General Motors LS-02, Vickers Eaton I-286-S, M-2950-S German Steel Industry SEB 181222, Denison HF-0, HF-1, HF-2, US Steel No.s 126, 127, 136, AFNOR NFE 48-603 Parts I and II, SAE MS1004 |
| | 205L | LIQ 205 | |
| Liquimatic No. 6 (ISO VG 68) | 4 x 5L | LIS 005 | DIN 51524 Parts I and II (HLP), Bosch Rexroth (formerly Mannesmann Rexroth) RE 90220, Cincinnati Milacron P-69, General Motors LS-02, Vickers Eaton I-286-S, M-2950-S German Steel Industry SEB 181222, Denison HF-0, HF-1, HF-2, US Steel No.s 126, 127, 136, AFNOR NFE 48-603 Parts I and II, SAE MS1004 |
| | 25L | LIS 025 | |
| | 205L | LIS 205 | |
| Terralus BVG 32 | 25L | BVG 025 | Greater than 98% biodegradability |
| | 205L | BVG 205 | |
| Terralus BVG 46 | 25L | BVF 025 | Greater than 98% biodegradability |
| | 205L | BVF 205 | |
| Terralus BVG 68 | 25L | BVS 025 | Greater than 98% biodegradability |
| Terralus SB 46 | 25L | LSB 025 | EU Ecolabel, ISO 15380 HEES, USDA Biopreferred® Eaton Brochure 03-401-2010, Parker Hannifin France HF-1, Parker Hannifin France HF-2, Parker Hannifin France HF-6 |
| | 205L | LSB 205 | |

GEAR & TRANSMISSION OILS

Gear and transmission oils designed for performance, reduced friction wear, high load carrying ability, as well as rust and corrosion protection for transmission components. This range of oils can work at both low and high temperature eliminating cold start gear selection problems and issues with highly stressed gearboxes running at high temperatures.



| Product Name | Product Attributes | Pack Sizes | Part No. | Specifications |
|----------------------|--------------------|------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Agrimax® JDF | ~ | 4 x 5L | JDF 005 | GIMA M1143 Approved, Massey Ferguson M1135 / M1145, Volvo Transmission Oil 97303: 020 (WB101), CNH MAT 3525 (Ford ESN-M2C134D / NH 410B Fluid), CNH MAT 3540 (No harm in use), John Deere J20C, ZF TE-ML-03E / 05F / 06K / 17E / 21F. Can be used in tractor transmission applications requiring an API GL-4, SAE 80W with wet brake performance. |
| | | 25L | JDF 025 | |
| | | 205L | JDF 205 | |
| Agrimax® STF60 | ~ | 25L | STF 025 | Ford ESN-M2C134-D, Ford ESEN-M2C86-A/B, New Holland NH – 410B, Massey Ferguson M1135 /1143, John Deere J20C, Allison C4, Caterpillar TO-2, API GL-4 (L20) |
| | | 205L | STF 205 | |
| Agrimax® HY | ~ | 25L | LHY 025 | Massey Ferguson MF 1127B, Case-IH MS 1207 / 1209 (and earlier specifications)* *suitable for use in equipment requiring this quality of lubricant |
| | | 205L | LHY 205 | |
| EP80W-90 | | 4 x 5L | EPE 005 | API GL-5 |
| | | 25L | EPE 025 | |
| | | 205L | EPE 205 | |
| EP85W-140 | | 4 x 5L | EPG 005 | API GL-5 |
| | | 25L | EPG 025 | |
| | | 205L | EPG 205 | |
| Terrain LS 80W-90 | | 25L | TLS 025 | API GL-5, ZF TE-ML 05N Approved, 2IN Approved, ZF TE-ML 05C, 16E Volvo STD 1273.21 (97321). Suitable for Limited Slip and Wet Brake Systems. |
| | | 205L | TLS 205 | |
| Lodexol FS 75W-90 | ~ | 12 x 1L | LSF 001 | API GL-4, GL-5, MAN 342 Type M1 |
| | | 4 x 5L | LSF 005 | |
| | | 25L | LSF 025 | |
| | | 205L | LSF 205 | |
| Liquimatic Super ATF | | 12 x 1L | ATF 001 | GM Dexron® II / IID / IIE / IIIG / IIIH / TASA, Allison TES-389B / TES-228 (C-4), Ford Mercon®, ZF TE-ML 05L / 09 / 21L, ZF all 3 and 4 speed, F 5HP 18FL / 19FL / 24A / 30 |
| | | 4 x 5L | ATF 005 | |
| | | 25L | ATF 025 | |
| | | 205L | ATF 205 | |

ANTIFREEZE / COOLANTS

Antifreeze and coolants protect engines from frost damage in extreme low temperatures and yield excellent heat transfer properties. They also provide outstanding protection against rust and corrosion for all parts of the cooling system such as thermostats, radiators and water pumps. Certain products in the range have long life properties to help reduce service intervals.



| Product Name | Pack Sizes | Part No. | Specifications |
|----------------------------------|------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MEG-Based Antifreeze Coolant | 12 x 1L | ANT 001 | Exceeds the requirements of many European and International Standards including: ASTM D3306, SAE J 1034, BS 6580 (2010) |
| | 4 x 5L | ANT 005 | |
| | 20L | ANT 020 | |
| | 205L | ANT 205 | |
| Ultralife Red Antifreeze Coolant | 12 x 1L | ULR 001 | ASTM D3306. ASTM D 4985. SAE J 1034. BS 6580 (2010). AFNOR NF R15-601 *. FFV Heft R443. CUNA NC 956-16. UNE 26361 - 88. JIS K 2234 *. NATO S 759. (* with the exception of reserve alkalinity) |
| | 4 x 5L | ULR 005 | |
| | 20L | ULR 020 | |
| | 205L | ULR 205 | |
| Ultralife 4 Antifreeze Coolant | 20L | ULM 020 | ASTM D3306, D4656, D4985, D6210, BS6580, SAE J1034, GE Jenbacher TA 1000-0200, GE Waukesha, Caterpillar GCM34, MWM 0199-99-2091/12, Rolls Royce Power Systems MTU MTL 5048, Rolls Royce Power Systems Bergen 2.13.01, VW MAN 324 Typ SNF, Diesel and Turbo SE, VW MAN B&W AG D36 5600, B&W A/S, Wartsila SACM Diesel DLP799861, Wartsila 32-9011, Cummins 85T8-2, IS Series u N14, CES 14603, CES 144439. Also suitable for use in: AGCO Fendt/Valtra, Perkins, Claas, John Deere JDM H5, Volvo AB Penta, Volvo Construction / Trucks. Please see TDS for full list of specifications. |
| | 205L | ULM 205 | |

GAS ENGINE OILS

Gas engine oils designed for natural gas, biogas, syngas and landfill gas. These oils help to protect and improve the efficiency of the engine as well as enhanced corrosion protection, oxidative and nitration stability, wide operating temperature ranges, low deposit forming, robust acid neutralisation and protracted field proven drain times.



| Product Name | Product Attributes | Pack Sizes | Part No. | Specifications |
|------------------------------------------|--------------------|------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GEO Ultra LZ 40 (Zinc Free, SA = 0.5%) | | 205L | GLZ 205 | Approvals: Caterpillar, MWM, GE Jenbacher T1 1000-1109: Type 2/3/4A-B/6C-E Gas Class C. Morris Recommendations: MAN, MTU L62, Perkins 4000 series, Cummins QSV91. |
| | | 1000L | GLZ 102 | |
| | | Bulk | GLZ 101 | |
| GEO Ultra Plus 40 (Zinc Free, SA = 0.6%) | | 205L | GUP 205 | Morris Recommendations: † Caterpillar, GE Jenbacher T1 1000-1109: Type 2/3/4A-B/6C-E Gas Class C, MTU L62, Perkins 4000 series, Cummins QSV91, Siemens, MWM. |
| | | 1000L | GUP 102 | |
| | | Bulk | GUP 101 | |
| GEO Plus MA 40 (Zinc Free, SA = 0.8%) | | 205L | GMF 205 | Morris Recommendations: † Caterpillar, GE Jenbacher T1 1000-1109: Type 2/3/4A-B/6C-E Gas Class C, MTU L62, Perkins 4000 series, Cummins QSV91, Siemens, MWM. |
| | | 1000L | GMF 102 | |
| | | Bulk | GMF 101 | |
| GEO Ultra G-LF 40 (SA = 0.55%) | | 205L | GUG 205 | Approvals: GE Jenbacher T1 1000-1109: Type 2/3/4A-B/6C-E Gas Class B/C. MAN 3271-4 (Special Gas), MWM - Special Gas, Dresser-Rand Guascor (Approval Pending). |
| | | 1000L | GUG 102 | |
| | | Bulk | GUG 101 | |
| GEO Ultra 40 (SA = 0.54%) | | 205L | GUS 205 | Morris Recommendations: GE Jenbacher T1 1000-1109: Type 2/3/4A-B/6C-E Class A, Type 4A-B/6C-E for Class B, MWM GmbH TR 0199-99-2105 (TCG 2016, TCG 2020, TCG 2032), Cummins QSK 60, MAN 3271-2, Wäertsilä, Rolls Royce B35:40, C26:33, K-G1 / G2 / G3 / G4. |
| | | 1000L | GUS 102 | |
| | | Bulk | GUS 101 | |
| GEO Ultra NG 40 | | 205L | GNG 205 | Approvals: MWM TCG, Caterpillar CG Morris Recommendations: MTU Proof of performance. GE Jenbacher: Perkins. Cummins. Waukesha Proof of performance. |
| | | 1000L | GNG 102 | |
| | | Bulk | GNG 101 | |
| GEO VPO | | 205L | GVP 205 | Morris Recommendations: Suitable for vane pumps utilised in biogas digestion plants. |
| | | 1000L | GVP 102 | |
| | | Bulk | GVP 101 | |

† Speak with our technical team for more information about application and approval levels

Natural Gas Biogas / Sewage Gas Biogas (Clean / Filtered) Landfill Special Gases (Syngas and Mine Gas)

HORTICULTURAL OILS

A specially formulated range of oils designed to keep both petrol and diesel horticultural equipment working under severe operating conditions. The range also includes oils for use in all-terrain vehicles (ATV), strimmers, lawnmowers, chainsaws and power saws as well as 4 and 2 stroke equipment.



| Product Name | Pack Sizes | Part No. | Specifications |
|--------------------------|------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Ground Force 2T | 12 x 1L | GTT 001 | API TC+ JASO FB |
| | 4 x 5L | GTT 005 | |
| | 25L | GTT 025 | |
| | 205L | GTT 205 | |
| Ground Force Cromax 30 | 12 x 1L | CRO 001 | Recommended for use in all chain lubrication systems and should be used in accordance with manufacturer's recommendations. |
| | 4 x 5L | CRO 005 | |
| | 25L | CRO 025 | |
| | 205L | CRO 205 | |
| Ground Force 2HSS | 12 x 1L | HSS 001 | API TC+, JASO FD, ISO-L-EGD, |
| | 4 x 4L | HSS 004 | |
| | 25L | HSS 025 | |
| | 205L | HSS 205 | |
| Ground Force SAE 30 | 12 x 1L | SAE 001 | API SF/CC. |
| | 4 x 5L | SAE 005 | |
| | 25L | SAE 025 | |
| | 205L | SAE 205 | |
| Ground Force SAE 10W-40 | 12 x 1L | GFS 001 | API SF/CD/CF |
| | 4 x 5L | GFS 005 | |
| | 25L | GFS 025 | |
| | 205L | GFS 205 | |
| Ground Force PLUS 10W-30 | 12 x 1L | GFP 001 | API CF-4 / SL |
| | 4 x 5L | GFP 005 | |
| Terralus CBO | 4 x 5L | CVG 005 | Terralus CBO is recommended for use in all chain lubrication systems and should be used accordingly to the manufacturers' recommendations. |
| | 25L | CVG 025 | |
| | 205L | CVG 205 | |

INDUSTRIAL GEAR OILS

The range of gear oils are designed to meet the tough demands of continued use and regular maintenance on various farming items such as agricultural equipment. This product range helps to reduce wear, extend use, help to increase operating efficiency and minimise breakdowns.



| Product Name | Pack Sizes | Part No. | Specifications |
|----------------|------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lodexol 68 | 25L | LOS 025 | DIN 51517 Part 3 (1989) category CLP, ISO 12925-1: 1996 Category CKD, AIST 224 / US Steel 224, AGMA 9005-E02, SEB 181226 (500 hrs max), Textron David Brown No. S1.53 101, Micropitting performance to FVA 54/7 (90°C), Flender (Revision 9, 2005). |
| | 205L | LOS 205 | |
| Lodexol 100 | 25L | LXO 025 | DIN 51517 Part 3 (1989) category CLP, ISO 12925-1: 1996 Category CKD, AIST 224 / US Steel 224, AGMA 9005-E02, SEB 181226 (500 hrs max), Textron David Brown No. S1.53 101, Micropitting performance to FVA 54/7 (90°C), Flender (Revision 9, 2005). |
| | 205L | LXO 025 | |
| Lodexol 150 | 25L | LDO 025 | DIN 51517 Part 3 (1989) category CLP, ISO 12925-1: 1996 Category CKD, AIST 224 / US Steel 224, AGMA 9005-E02, SEB 181226 (500 hrs max), Textron David Brown No. S1.53 101, Micropitting performance to FVA 54/7 (90°C), Flender (Revision 9, 2005). |
| | 205L | LDO 205 | |
| Lodexol 220 | 25L | LOT 025 | DIN 51517 Part 3 (1989) category CLP, ISO 12925-1: 1996 Category CKD, AIST 224 / US Steel 224, AGMA 9005-E02, SEB 181226 (500 hrs max), Textron David Brown No. S1.53 101, Cincinnati Machine P-74 (ISO VG 220 only), Micropitting performance to FVA 54/7 (90°C), Flender (Revision 9, 2005). |
| | 205L | LOT 205 | |
| Lodexol 320 | 25L | LXT 025 | DIN 51517 Part 3 (1989) category CLP, ISO 12925-1: 1996 Category CKD, AIST 224 / US Steel 224, AGMA 9005-E02, SEB 181226 (500 hrs max), Textron David Brown No. S1.53 101, Micropitting performance to FVA 54/7 (90°C), Flender (Revision 9, 2005). |
| | 205L | LXT 205 | |
| Lodexol 460 | 25L | LOF 025 | DIN 51517 Part 3 (1989) category CLP, ISO 12925-1: 1996 Category CKD, AIST 224 / US Steel 224, AGMA 9005-E02, SEB 181226 (500 hrs max), Textron David Brown No. S1.53 101, Micropitting performance to FVA 54/7 (90°C), Flender (Revision 9, 2005). |
| | 205L | LOF 205 | |
| Lodexol 680 | 25L | LDS 025 | DIN 51517 Part 3 (1989) category CLP, ISO 12925-1: 1996 Category CKD, AIST 224 / US Steel 224, AGMA 9005-E02, SEB 181226 (500 hrs max), Textron David Brown No. S1.53 101, Micropitting performance to FVA 54/7 (90°C), Flender (Revision 9, 2005). |
| | 205L | LDS 205 | |
| Lodexol PG 150 | 25L | PGO 025 | DIN 51517 T.3 (ISO 6743/2) Type CLP, Textron David Brown Classification Type G |
| Lodexol PG 220 | 25L | PGT 025 | DIN 51517 T.3 (ISO 6743/2) Type CLP, Textron David Brown Classification Type G |
| | 205L | PGT 205 | |
| Lodexol PG 320 | 25L | LXP 025 | DIN 51517 T.3 (ISO 6743/2) Type CLP, Textron David Brown Classification Type G |
| Lodexol PG 460 | 25L | PGX 025 | DIN 51517 T.3 (ISO 6743/2) Type CLP, Textron David Brown Classification Type G |
| | 205L | PGX 205 | |
| Lodexol FS 150 | 25L | LXF 025 | DIN 51517 Part 3, AIST 224 (formerly US Steel 224), AGMA 9005-E02, David Brown Table Type E |
| Lodexol FS 220 | 25L | LXS 025 | DIN 51517 Part 3, AIST 224 (formerly US Steel 224), AGMA 9005-E02, David Brown Table Type E |
| | 205L | LXS 205 | |
| Lodexol FS 320 | 25L | LFT 025 | DIN 51517 Part 3, AIST 224 (formerly US Steel 224), AGMA 9005-E02, David Brown Table Type E |
| | 205L | LFT 025 | |
| Lodexol FS 460 | 25L | LFO 025 | DIN 51517 Part 3, AIST 224 (formerly US Steel 224), AGMA 9005-E02, David Brown Table Type E |
| | 205L | LFO 205 | |

MAINTENANCE AND WORKSHOP PRODUCTS

The maintenance and workshop products are designed to meet the heavy demands of scheduled maintenance and emergency repairs on agricultural equipment, farming machines and air compressors. This product range also includes workshop consumables and hand care products suitable for a multitude of demanding applications.



| Product Name | Pack Sizes | Part No. | Specifications | Product Name | Pack Sizes | Part No. | Specifications |
|---------------------------------|------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Race ATV 10W-40 | 12 x 1L | ATV 001 | API SL, JASO MA2 | Workshop Pro All Seasons Screen Wash | 4 x 5L | SEM 005 | Recommended for all windscreen washer systems on all vehicles including cars, vans, HGV's and PSV's. |
| | 4 x 4L | ATV 004 | | | 205L | SEM 205 | |
| | 25L | ATV 025 | | Workshop Pro Traffic Film Remover | 4 x 5L | CAD 005 | Designed to chemically remove road film from vehicles. This reduces the need for mechanical agitation and rapidly lifts dirt, grime and oil from painted surfaces. |
| | 205L | ATV 205 | | | 25L | CAD 025 | |
| Dot 4 Brake Fluid | 500ml | BRA 500 | FMVSS 116 DOT 3 and DOT 4, SAE J 1703 and J 1704, ISO 4925 (Classes 3 & 4), JIS K 2233 | 205L | CAD 205 | | |
| | 12 x 1L | BRA 001 | | | | | |
| LHM Plus Suspension Fluid | 12 x 1L | LHM 001 | ISO 7308, PSA B71 2710, Ford ESN M6C 59A | Workshop Pro Premium Hand Cleanser | 4 x 5L | MOM 005 | Suitable for use in all areas and types of industry. It cleans deep into the pores, providing lasting skin-protection and replacing the skins natural oils. Premium Hand Cleanser will remove a wide-range of products from soiled skin including oils, greases, tar, bitumen and printing inks. |
| | 205L | LHM 205 | | | | | |
| Milking Machine Vacuum Pump Oil | 4 x 5L | VPO 005 | Suitable for use in a variety of pump designs operating in all temperatures and conditions. Also recommended for the lubrication of associated milk handling hydraulics and equipment | | | | |
| | 25L | VPO 025 | | | | | |
| | 205L | VPO 205 | | | | | |
| Air Force 4000 ISO VG 32 | 4 x 5L | AFT 005 | DIN 51506 VDL, ISO 6743-3: DAG for rotary screw | Workshop Pro Premium Barrier Cream | 12 x 1L | BAR 001 | Premium Barrier Cream prevents noxious substances coming into contact with the skin and stops soiling from penetrating deep into the skin, as well as reducing skin irritation and minimising allergy and sensitivity potential. |
| | 25L | AFT 025 | | | | | |
| | 205L | AFT 205 | | | | | |
| Air Force 4000 ISO VG 46 | 4 x 5L | AFF 005 | DIN 51506 VDL, ISO 6743-3: DAG for rotary screw | Workshop Pro Premium After-Work Lotion | 12 x 1L | PAL 001 | A light fatty skin care lotion that is dispersed easily and is absorbed quickly. It invigorates by actively drawing upon the immune system of the healthy skin and boosts the regeneration of affected areas of the skin. This keeps the skin healthy, supple and well looked- after. |
| | 25L | AFF 025 | | | | | |
| | 205L | AFF 205 | | | | | |
| Air Force 4000 ISO VG 68 | 4 x 5L | AFO 005 | DIN 51506 VDL, ISO 6743-3: DAA and DAB for reciprocating ISO 6743-3: DAG for rotary screw | Super Absorbent Floor Dressing | 20L Bag | FLO 030 | Recommended to prevent, or minimise, damage from any spill or leak. Immediate use of granules following any spill can stop pollutants getting into drains. |
| | 25L | AFO 025 | | | | | |
| | 205L | AFO 205 | | | | | |
| Ankor Wax Preservative Fluid | 4 x 5L | WAX 005 | Protection Performance: Indoors: 3 – 5 years Covered Outdoors: 2 years Outdoors: 18 months | | | | |
| | 205L | WAX 205 | | | | | |
| Lydian Degreasing Fluid | 4 x 5L | LYD 005 | Recommended for removal of oil grease and dirt from metal, paintwork and concrete | | | | |
| | 25L | LYD 025 | | | | | |
| | 205L | LYD 205 | | | | | |
| De-ionised Water | 12 x 1L | DEW 001 | Morris Deionised Water exceeds the requirements of BS4974:1975 Grade B, "water for lead- acid batteries. | | | | |
| | 4 x 5L | DEW 005 | | | | | |
| | 25L | DEW 025 | | | | | |

WORKSHOP AEROSOLS

The workshop aerosols are a range of superior performance maintenance sprays suitable for a multitude of demanding applications when running, maintaining and repairing agricultural equipment. Products include maintenance spray, chain lubricant, solvent cleaner, anti-seize compound, degreaser PTFE grease and carb cleaner.



| Product Name | Pack Sizes | Part No. | Specifications |
|---------------------------------------------|------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Workshop Pro MD-4 | 400ml | MDF 400 | Superior performance multipurpose maintenance spray. Effective, damp start and penetrating fluid with outstanding corrosion protection properties. |
| Workshop Pro Chain Lubricant Semi Synthetic | 400ml | CCL 400 | Specially formulated aerosol designed for the protection of chains used in a variety of applications. |
| Workshop Pro Solvent Cleaner | 400ml | SOL 400 | A complex mixture of hydrocarbon and oxygenated solvents designed to clean and degrease all flat and irregular surfaces |
| Workshop Pro Anti-Seize Compound | 400ml | PSE 400 | Highly recommended as a thread lubricant on the external parts of all racing motorcycles, where rapid and trouble free disassembly by pit crews is a competitive essential. |
| Workshop Pro Solvent Degreaser | 400ml | PAV 400 | Ready for use, pink coloured emulsifiable fluid, manufactured from a highly refined hydrocarbon solvent and a non-ionic surfactant. It was originally developed for rapid de-waxing of car bodies. |
| Workshop Pro Carb Cleaner | 400ml | CAR 400 | Designed to remove dirt, grime and accumulated oily deposits from carburetors and fuel injection systems. It can also be used with great effect to restore tune to carburetors in situ. |
| Workshop Pro White Grease with PTFE | 400ml | WTG 400 | Scientifically prepared combination of calcium and zinc based grease with PTFE. Offering excellent resistance to water and heat and also long lasting protection against corrosion. |

HIGH QUALITY GREASES

The wide-range of high-quality greases cover a variety of applications for agricultural equipment and farm machinery. These greases have many different features including anti-friction and a high-level of water tolerance, mechanical stability and adherence. They are also suitable for use in anti-friction and plain bearings subjected to high-load conditions.



| Product Name | Pack Sizes | Part No. | Specifications | Product Name | Pack Sizes | Part No. | Specifications |
|--------------------------|--------------|-----------|-------------------------------------------|-----------------------------------------------------------------------------------|--------------|----------|-----------------------------------------------------------|
| K42EP Grease | 36 x 400g | KFT 400 | DIN 51502, KP2N-20, ISO 6743-9, L-XBDHB2. | K40EP Semi Fluid Grease | 12.5kg keg | SFG 075 | DIN 51502 KTA0M-30, ISO 6743-9, L-XCCFB0. |
| | 12 x 500g | KFT 500 | | | 50kg keg | SFG 050 | |
| | 3kg keg | KFT 003 | | K400EP Semi Fluid Grease | 3kg keg | KSF 003 | DIN 51502, KP00M-30, ISO 6743-9, L-XCCFB00. |
| | 12.5kg keg | KFT 075 | | | 12.5kg keg | KSF 075 | |
| | 50kg keg | KFT 050 | | | 50kg keg | KSF 050 | |
| | 180kg barrel | KFT 180 | | | 180kg barrel | KSF 180 | |
| K2EP Longlife Grease | 36 x 400g | KLG 400 | DIN 51502 KP2N-20, ISO 6743-9 L-XBEHB2. | K4000EP Semi Fluid Grease | 3kg keg | KFG 003 | DIN 51502, KP000M-30, ISO 6743-9, L-XCCFB000. |
| | 12.5kg keg | KLG 075 | | | 12.5kg keg | KFG 075 | |
| | 50kg keg | KLG 050 | | | 50kg keg | KFG 050 | |
| | 180kg barrel | KLG 180 | | K383 Anti-Seize Compound | 12 x 500g | ASC 500 | DIN 51502 K1/2R-30, ISO 6743-9 L-XCGIA1/2 |
| K48 Moly Grease | 12 x 500g | KMO 500 | 3kg keg | | ASC 003 | | |
| | 3kg keg | KMO 003 | 12.5kg keg | | ASC 075 | | |
| | 12.5kg keg | KMO 075 | K99 Water Resistant Grease | | 12 x 500g | KNN 500 | DIN 51502 K2/3G-20, ISO 6743-9 L-XBCHB2/3 |
| | 50kg keg | KMO 050 | | | 3kg keg | KNN 003 | |
| | 180kg barrel | KMO 180 | | | 12.5kg keg | KNN 075 | |
| | K43EP Grease | 36 x 400g | KEP 400 | DIN 51502, KP3N-20, ISO 6743-9, L-XBDHB3. | 50kg keg | KNN 050 | |
| 12.5kg keg | | KEP 075 | K90 Calcium Sulphonate Grease | | 12 x 400g | CSG 400 | DIN 51502: KP2R-30, ISO 12924 L-XC(F)DIB2, NLGI: GC-LB 2. |
| 50kg keg | | KEP 050 | | | 50kg keg | CSG 050 | |
| 180kg barrel | | KEP 180 | | | 180kg barrel | CSG 180 | |
| K323 Premium Blue Grease | 12 x 400g | PBG 400 | DIN 51502 KP2/3G-20 ISO 6743-9 L-XBDHB2/3 | NOW AVAILABLE! 500g Screw Thread Cartridge for K323 Premium Blue Grease | | | |
| | 12 x 500g | PBG 500 | | | | | |
| | 12.5kg keg | PBG 075 | | | | | |
| | 50kg keg | PBG 050 | | | | | |
| | 180kg barrel | PBG 180 | | | | | |



TECHNICAL SUPPORT

A team of expertly qualified technicians are on hand to assist Morris Lubricants customers with any technical questions or challenges that they may face.

To contact call the Technical Team on +44 (0)1743 237541, email technicalhelpdesk@morris-lubricants.co.uk or visit morrislubricants.co.uk for further information.



DID YOU KNOW?

Morris Lubricants is always striving to reduce its impact on the environment. Whether it be through sustainable packaging solutions, implementing solar panels to improve energy management or the selection of products in the range that are biodegradable and eco-friendly, Morris Lubricants is working towards a more sustainable future.



OIL TESTING - IS YOUR ENGINE OIL OK?

The most effective and least expensive monitoring technique available is the analysis of an engine's lubricant. Unfortunately, many take the lubricant for granted and do not consider engine oil as a vital component which should be as closely monitored.

It is critical that gas engine lubricants are monitored. It is also important that operators can interpret oil analysis results quickly, to do this our reports are available as PDFs by email and are available online or via a smart phone app for quick reference while on site.

Morris Lubricants have introduced a bespoke sampling kit and internet-driven sample interpretation service that allows operators to keep track of individual engines, helping to map out drain intervals to ensure no harmful by-products of combustion can lead to premature engine wear or failure.

Pack includes:-

- 20 x sample bottles pre-labelled for each individual piece of equipment under test.
- 20 x individual sealable bags
- 10 x addressed return envelopes (can be pre-paid postage for convenience)
- Pumps and sample tubing can also be requested if required (at additional cost)

Talk to our Technical Team for more information:

+44 (0)1743 237 541

technicalhelpdesk@morris-lubricants.co.uk



A COMPREHENSIVE RANGE OF WORLD-CLASS PRODUCTS, DESIGNED TO PERFORM

Morris Lubricants provide a wide-range of products to cover a multitude of applications. If you have a specific product requirement that is not covered in this brochure, please call a member of our sales team on 01743 232 200, or email info@morris-lubricants.co.uk.



AGRICULTURAL LUBRICANTS



HORTICULTURAL LUBRICANTS



HEAVY DUTY DIESEL ENGINE OILS



COOLANTS



BIODEGRADABLE LUBRICANTS



COMPRESSOR OILS



HYDRAULIC OILS



GREASES



HYGIENE & CLEANING

Manufactured in the UK to the most stringent OEM and international standards.

| | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------|
|  <p>ISO 9001 Quality Management Systems CERTIFIED</p> | <p>ISO 14001 Environmental Management CERTIFIED</p> | <p>ISO 45001 Occupational Health and Safety Management CERTIFIED</p> | <p>ISO 50001 Energy Management CERTIFIED</p> |
| FM 21756 | EMS 60044 | OHS 555083 | ENMS 619355 |



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www.morrislubricants.co.uk

All the products are reflective of the latest specifications at the time of going to press and are part of a continuous development programme. The company reserves the right to change formulation and specification, without prior notice to meet the latest trends and developments in lubricant and grease technology. For more detailed information on any product and confirmation of the latest specifications contact our Technical Services Department. Full product data sheets and health and safety information is available on request.