



AGCO Parts Lubrication Guide



There is only 1 choice when it comes to protecting your investment

No matter the brand or type of AGCO equipment you own, we have the range of branded oils to suit your machine.

Specifically designed to provide the best possible protection for all AGCO machines.

We also offer a full range of Fuchs branded products.



Online Lubricant Guide

Access our Online Lubrication Guide and discover the correct lubricants for your machine. Includes data on many brands and models, and safety data information.

[Click here](#) to access the Online Lubrication Guide.

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The screenshot displays the AGCO Parts Online Lubrication Guide interface. At the top, the AGCO PARTS logo is visible. Below it, a prompt says "Choose a vehicle in one of two ways:". There are two main search methods: "Quick Search" and "Drill Down".

Quick Search: A text input field labeled "Part of vehicle name or description:" with an "OK" button.

Drill Down: A series of dropdown menus for selecting vehicle details:

- Vehicle Type: Farm Tractors & Machinery
- Manufacturer: MASSEY-FERGUSON (Also see AGCO) [Tractors]
- Model: MF-4800, MF-4840, MF-4880, MF-4900

On the right side of the interface, a product detail card for "MASSEY-FERGUSON (Also see AGCO) [Tractors] MF-4800, MF-4840, MF-4880, MF-4900" is shown. It specifies "Crankcase - Cummins V/VT-903 Engs." and "Service Refill Capacity: 32* Litres." It features an image of an AGCO Premium Plus oil can and lists recommended oil grades: 5L: AP1110005, 20L: AP1110020, 200L: AP1110205, and 1000L: AP111000. A "Safety Data Sheet" link is also present.



AGCO ULTRA PLUS



AGCO ULTRA PLUS is the very latest specification engine designed to meet the latest emission requirements. For use in engines with Diesel Particulate Systems (DPF), Diesel Oxidation Catalyst (DOC), Exhaust Gas Recirculation (EGR) and SCR catalyst or any combination of above technologies. Designed for Tier 4 and above engines and is also backward compatible.

Specifications

ACEA E9/E7
API CK-4/CJ-4
SAE 15W-40

Meets The Following

CAT ECF-3
CUMMINS CES 20086
DEUTZ DQC III-10 LA
DETROIT DIESEL DDC 93K222
MACK EO-S 4.5
VOLVO VDS-4
MAN M 3775
MTU DDC TYPE 2.1
VOLVO VDS 4.5

Part Numbers

5L AP1210005
20L AP1210020
205L AP1210205
1000L AP1211000

AGCO PREMIUM PLUS



A super high performance diesel engine oil formulated to cope with a variety of conditions and the harshest environments. For all AGCO Machines Tier 3 and earlier. AGCO Premium Plus provides great protection from corrosion and high continuous stress. AGCO Premium Plus can be used in tractors, trucks, passenger cars and industrial equipment.

Specifications

ACEA E7
API CI-4/SL
GLOBAL DHD-1
SAE 15W-40

Meets The Following

CUMMINS CES 20076, 77, 78
DETROIT DIESEL 93K215
DEUTZ DQC III-10
MACK EO-N
MAN M 3275-1
MB 228.3
MTU DDC TYPE 2
VOLVO VDS-3
RENAULT RLD/RLD-2

Part Numbers

5L AP1110005
20L AP1110020
205L AP1110205



MASSEY FERGUSON ULTRA PLUS



MASSEY FERGUSON ULTRA PLUS is the very latest specification engine designed to meet the latest emission requirements. For use in engines with Diesel Particulate Systems (DPF), Diesel Oxidation Catalyst (DOC), Exhaust Gas Recirculation (EGR) and SCR catalyst or any combination of above technologies. Designed for Tier 4 and above engines and is also backward compatible.

Specifications

ACEA E9/E7
API CK-4/CJ-4
SAE 15W-40

Meets The Following

CAT ECF-3
CUMMINS CES 20086
DEUTZ DQC III-10 LA
DETROIT DIESEL DDC 93K222
MACK EO-S 4.5
VOLVO VDS-4
MAN M 3775
MTU DDC TYPE 2.1
VOLVO VDS 4.5

Part Numbers

20L MF1210020
205L MF1210205



AGCO OPTIMUM PLUS



AGCO OPTIMUM PLUS is a fully synthetic high performance diesel engine oil. The sophisticated additive technology and fully synthetic base oil technology make this a best in class diesel engine oil for a wide range of applications. Provides increased fuel economy for highly loaded commercial diesel engines. For use in Fendt tractors requiring Deutz DQC IV-10-LA approved oils. Can also be used in other applications including other tractor brands, trucks and industrial equipment.

Specifications

ACEA E9/E7/E6
API CJ-4
SAE 10W-40
JASO DH-2

Meets The Following

DEUTZ DQC IV-10-LA
MAN 3271-1, MAN M 3477
MTU Type DDC 3.1
CAT ECF-3
MB 228.5
MACK EO-OPP
VOLVO VDS-4
CUMMINS CES 20081

Part Numbers

20L AP1310020
205L AP1310205



TITAN CARGO MC 10W-40



TITAN CARGO MC SAE 10W-40 is a super long life, fuel economy engine oil for all diesel engines with and without turbocharger in trucks, buses and industrial machinery. The SAE Class 10W-40 ensures reliable all-season use. Suitable for the longest oil change intervals.

For use in Fendt 1000 S4 Series, as well as other applications.

Specifications

ACEA E7/E4
API CI-4
GLOBAL DHD-1

Approvals

MAN M 3277
CUMMINS CES 20077
CUMMINS CES 20078
DEUTZ DQC III-10
DETROIT DIESEL 93K215
MB APPROVAL 228.5
MACK EO-M PLUS
MACK EO-N
MTU DDC TYPE 3
RENAULT RXD
RENAULT RLD-2
SCANIA LDF-2
VOLVO VDS-3

Part Numbers

20L FU3359020

FENDT

TITAN CARGO MAXX SAE 5W-30



TITAN CARGO MAXX SAE 5W-30 is a premium low SAPS engine oil with the innovative XTL®-Technology developed for commercial vehicles. The XTL®-Technology (Xtreme Temperature Lubrication) offers maximum fuel economy over the whole drain-interval due to outstanding oxidation and ageing stability.

For use in Fendt 900 Gen 6 & 1000 G2 Series and Massey Ferguson Ideal Combines, as well as other applications.

Specifications

ACEA E9/E7/E6/E4
API CJ-4
CAT ECF-3
JASO DH-2
SCANIA LA

Approvals

MAN M 3271-1
MAN M 3477
MAN M 3575
MAN M 3677
DEUTZ DQC IV-10 LA
DETROIT DIESEL 93K218
MACK EO-O PREMIUM PLUS
MTU DDC TYPE 2.1 & 3.1
MB APPROVAL 228.31
MB APPROVAL 228.51
VOLVO VDS-4
SCANIA LDF-4

Part Numbers

20L FU4726020

FENDT



Multifunction Oils



AGCO V-TRANS



AGCO V-TRANS PLUS 10W-40 is a super high performance multi-functional low friction transmission/hydraulic oil. Designed and selected by AGCO as the premium choice for your tractor fleet, its superior formulation ensures optimum performance, reliability and longevity of your transmission and hydraulic components. Other applications include manual transmissions, hydraulic aggregates and final drives with or without wet brakes and multi-plate differentials. Suitable for use as an engine oil in Tier 2 diesel engines pre 1998.

A fully approved oil for use in Massey Ferguson tractors transmission and hydraulic reservoirs where Dyna-6, Dyna-4, Dyna VT and earlier transmissions. Also for use in Fendt Vario transmissions.

Specifications

SAE J300: 10W-40
API GL-4
API CG-4

Approval

MF CMS M1145

Meets The Following

FENDT KDM 41.2011
ZF TE-ML 06B, 06F, 07B
SAE J306: 75W-90
DIN 51524-3:HVLP
CASE MS 1207,1209,1210,1230
CNH MAT 3505,3509,3525,3526
NEW HOLLAND 82009201/1/2/3
ZF TE-ML 06A,06C, 06L
JOHN DEERE JDM J20C

Part Numbers

5L AP2110005
20L AP2110020
205L AP2110205
1000L AP2111000

AGCO SPECIAL TRANSMISSION OIL



AGCO SPECIAL TRANSMISSION OIL is a Universal Tractor Transmission Oil for use in Valtra and Challenger equipment. For use in transmissions, hydraulics with integrated wet brakes, clutches and construction machinery. Meets the requirement of a number of tractor brands.

Specifications

SAE J300: 10W-30
API GL-4

Meets The Following

VALTRA G2-08, G2-B10
MF CMS M 1143, 1141, 1135
KUBOTA UDT FLUID
ZF TE-ML 03E, 06K, 05F,17E, 21F (ZF002183)
AGCO Powerfluid 821 XL
AGCO Q 186 (Whitefarm)
ALLISON C-4
CASE 1230,10,09,07,06
CLASS/LADINI - same trans
CNH MAT 3505,3506,3509,3525,3526,3540
JOHN DEERE JDM JC20C
NEW HOLLAND 410 B

Part Numbers

5L AP2210005
20L AP2210020
205L AP2210205

Multifunction Oils



AGCO CENTURY MULTI USE TRANSMISSION OIL



AGCO CENTURY 20W-40 is specially formulated for use in pre 2002 farm machinery. Suitable for use in engine, transmissions, hydraulics, wet brakes and axles.

Designed for older equipment pre 2002.

Specifications

SAE 20W-40
API CE
API GL-4
STOU

Meets The Following

MASSEY FERGUSON M1144, M1139, M1135
JOHN DEERE: J27
CASE MS1120, MS 1118, MS 1103
FORD/NH M2D-159A-B3/C3, M2 86A

Part Numbers

20L AP2310020

MASSEY FERGUSON V-TRANS PLUS



MASSEY FERGUSON V-TRANS PLUS 10W-40 is a super high performance multi-functional low friction transmission/hydraulic oil. Designed and selected by AGCO as the premium choice for your tractor fleet, its superior formulation ensures optimum performance, reliability and longevity of your transmission and hydraulic components.

Other applications include manual transmissions, hydraulic aggregates and final drives with or without wet brakes and multi-plate differentials. Suitable for use as an engine oil in Tier 2 diesel engines pre 1998.

A fully approved oil for use in Massey Ferguson Tractors transmissions and hydraulic reservoirs where Dyna-6, Dyna-4, Dyna VT and earlier transmissions.

Specifications

SAE J300:10W-40
API GL-4
API CG-4

Approval

MF CMS M1145

Meets The Following

FENDT KDM 41.2011
ZF TE-ML 06B, 06F, 07B
SAE J306: 75W-90
DIN 51524-3:HVLP
CASE MS 1207,1209,1210,1230
CNH MAT 3505,3509,3525,3526
NEW HOLLAND 82009201/1/2/3
ZF TE-ML 06A,06C, 06L
JOHN DEERE JDM J20C

Part Numbers

20L MF2110020
205L MF2110205





FENDT V-TRANS PLUS



FENDT V-TRANS PLUS 10W-40 is a super high performance multi-functional low friction transmission/hydraulic oil. Designed and selected by AGCO as the premium choice for your tractor fleet, its superior formulation ensures optimum performance, reliability and longevity of your transmission and hydraulic components.

Other applications include manual transmissions, hydraulic aggregates and final drives with or without wet brakes and multi-plate differentials. Suitable for use as an engine oil in Tier 2 diesel engines pre 1998.

AGCO Australia approved for use in Fendt tractors and transmissions and also Fendt transmissions and hydraulics requiring FENDT KDM 41.2011 approved fluids.

Specifications

SAE J300:10W-40
API GL-4
API CG-4

Approval

MF CMS M1145

Meets The Following

FENDT KDM 41.2011
ZF TE-ML 06B, 06F, 07B
SAE J306: 75W-90
DIN 51524-3:HVLP
CASE MS 1207,1209,1210,1230
CNH MAT 3505,3509,3525,3526
NEW HOLLAND 82009201/1/2/3
ZF TE-ML 06A,06C, 06L
JOHN DEERE JDM J20C

Part Numbers

20L FD2110020
205L FD2110205

Transmission Oils



AGCO OPTIMUM TRANSMISSION 50



For use in Challenger tractor reaction arm applications as well as heavy duty transmissions. AGCO OPTIMUM TRANSMISSION 50 is a synthetic lubricant that is formulated for extended drain intervals. It is highly stable when exposed to heat, oxidation and shear conditions. Provides exceptional high temperature lubrication as well as providing reduced maintenance and downtime.

For use in Challenger tractor reaction arms.

Specifications

API MT-1
EATON PS-164 rev 7

Meets The Following

Part Numbers

5L AP8210005

Challenger

ATF PREMIUM ATF D3



Semi-synthetic automatic transmission fluid. Excellent thermal stability and superior viscometrics improves transmission life. For use in AGCO machinery applications.

Specifications

DEXRON ® III
FORD MERCON ®

Meets The Following

ALLISON C-4
CAT TO-2

Part Numbers

5L AP8110005



AGCO HYDRAULIC 68 HVI



AGCO HYDRAULIC 68 HVI is a high quality ISO 68 hydraulic oil for use in tractors, construction and industrial machinery. It is formulated to resist ageing and oxidation as well as staying in grade to hold viscosity as well as reducing seal leakage. In high pressure hydraulic systems it is critical that the viscosity characteristics of the oil are not diminished with shear losses. AGCO HYDRAULIC 68 HVI contains VI Improvers to ensure product stays in grade.

Specifications

ISO 68
AFNOR E48-603
FORD MC-6C32
US STEEL 126,127
DENISON HFO
BOSCH REXROTH
VICKERS

Meets The Following

CINCINNATI MILACRON
P-68, P-69, P-70

Part Numbers

20L AP4210020
205L AP4210205

AGCO HYDRAULIC 46 HVI



AGCO HYDRAULIC 46 HVI is a high quality ISO 46 hydraulic oil for use in tractors, construction and industrial machinery. It is formulated to resist ageing and oxidation as well as staying in grade to hold viscosity as well as reducing seal leakage. In high pressure hydraulic systems it is critical that the viscosity characteristics of the oil are not diminished with shear losses. AGCO HYDRAULIC 46 HVI contains VI Improvers to ensure product stays in grade.

Specifications

ISO 46
AFNOR E48-603
FORD MC-6C32
US STEEL 126,127
DENISON HFO
BOSCH REXROTH
VICKERS

Meets The Following

CINCINNATI MILACRON
P-68, P-69, P-70

Part Numbers

20L AP4110020
205L AP4110205

AGCO SUPERIOR HYDRAULIC OIL



A synthetic oil designed for use in combines and equipment requiring a product that stays in grade and can stand up to the most arduous farming conditions. The shear stable high viscosity index (HVI) and unique additive pack offers a thicker lubricating film at high temperatures and a better high pressure stability which reduces wear and leakages within the system. The combination of group synthetic base oils with carefully selected additives guarantees the improvement of lower temperature properties compared to HVI conventional hydraulic oils. An ideal in-harvest solution.

Specifications

ISO 46
DIN 51-524: 3 HVLP
ISO 6743-4:HV

Meets The Following

DENISON HFO-T6H20C:
HYBRID PUMP
BOSCH REXROTH
TEREX
VICKERS 35VQ-25/
V104-C:VANE PUMPS
US STEEL 127,136
CINCINNATI MILA-
CRON P68, P69, P70

Part Numbers

20L AP4310020



AGCO SUPER GEAR 85W-140



AGCO SUPER GEAR 85W-140 is a super high performance gear oil for extended drain intervals. Formulated to meet the requirements of AGCO machinery and designed to cope under pressure in the heat of the season. Also suitable for a large range of brands including agricultural and construction machinery, as well as light and heavy commercial vehicles.

Specifications

SAE 85W-140
API GL-4/GL-5

Meets The Following

ZF TE-ML 05A
ZF TE-ML 12E
ZF TE-ML 16D
ZF TE-ML 21 A
MIL -L-2105 D

Part Numbers

5L AP3210005
20L AP3210020

AGCO SUPER GEAR LS 80W-90



AGCO SUPER GEAR LS 80W-90 is a super high performance gear oil for all highly stressed normal and limited slip differentials in tractors, cars, trucks, construction and industrial machinery. Can be used where SAE 80W-90 GL-5 is specified.

Specifications

SAE 80W-90
GL-5/GL-5 LS
API MT-1
SAE J 2360

Meets The Following

MACK GO-J
MIL-PRF-2105 EZ
ZF TE ML-07/ML-08

Part Numbers

5L AP3110005
20L AP3110020
205L AP3110205

Coolant



AGCO OPTIMUM PREMIX 50



AGCO OPTIMUM PREMIX is a premium quality, anti-boil/anti-freeze long life coolant. AGCO premixed coolant is based on carboxylate technology and contains no silicates, borates, phosphates, amines, nitrites or nitrates. It provides protection against cavitations, erosion and wet sleeve liner pitting. The 50% mono-ethylene glycol and double inhibitor package ensure ultimate corrosion protection and extended service life. AGCO Australia approved for use in Massey Ferguson, Fendt, Challenger, Valtra and ISEKI equipment.

Specifications

AS 2108.1, 2004 Type A
AFNOR NFR 15-601
ASTM D3306, D4656,
ASTM D4985, BS 6580
JASO J 1034
JASO M 324

Meets The Following

GM 6277M, 1825M, 1899M
MAN 324 TYPE SNF
CATERPILLAR 1 EO 535
CUMMINS 92 T8-9
FORD ESE FM 97B18-C
FORD ESE FM 974B4-H
FORD ESE FM 99B166-C
JAPENSE JIS K 2234

Part Numbers

5L AP5310005
20L AP5310020

Grease



AGCO MP PLUS



AGCO MP PLUS is a multi-purpose extreme pressure lithium complex grease designed for wheel bearings and chassis lubrication in farming equipment. Also suitable for other applications. A blue coloured grease formulated to provide improved oxidation, increased corrosion and wear protection when compared to conventional greases. Suitable for equipment operating under severe conditions and high loads with high shock vibrations. **450G cartridge.**

Specifications

NLGI 2

Part Numbers

450G AP7110045
20KG AP7110020

AGCO LITHIUM II GREASE



AGCO Lithium II Grease is a lithium-based grease formulated with the highest quality virgin base oils available, and a special additive package, which ensures anti-wear and extreme pressure properties. It is fortified with rust and corrosion inhibitors as well as oxidation inhibitors to make this a truly versatile multi-purpose lubricant. **400G cartridge.**

Specifications

NLGI 2

Part Numbers

400G 79014728W



AGCO PREMIUM LHM



AGCO PREMIUM LHM is for use in brake, hydraulic, power steering and suspension systems. Always check manufacturer's booklet or seek technical advice. AGCO PREMIUM LHM brake fluid is specially formulated and designed for systems with an oil based mineral based fluid requirement. It is not compatible with traditional based brake fluids. AGCO PREMIUM LHM has base oils that provide protection against wear, corrosion and oxidation.

Specifications

ISO 7308

Meets The Following

Part Numbers

1L AP6110001

TITAN CHF 11S HYDRAULIC CLUTCH OIL



TITAN CHFS 11S is a fully synthetic high performance hydraulic oil for use in various component applications.

The exclusive additive technology combination with specifically selected base oils gives optimum performance results in hydraulic systems.

For use in Fendt machines.

Specifications

FORD WSS-M2C204-A

Approvals

FENDT X 902 011 622
MAN 3289
CHRSYLER MS 11655B
MB APPROVAL 345.0
ZF TE-ML 02K
VW TL 52 146

Part Numbers

1L FU4947001

FENDT

Contact your local AGCO Parts dealer for all your genuine AGCO Parts Lubricant needs.





AGCO Parts Lubrication Guide 2020



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