



**AUTOMOTIVE LUBRICANTS**  
MADE IN BELGIUM





# MOTOR OILS

## SILVER + B4 10W40

This is a **synthetic based lubricant** based on carefully selected highly refined base oils. This oil is an advanced engine oil, especially developed to meet ACEA A3/B4-08 requirements and to fulfill Euro 4 norms. It is designed for the lubrication of four-stroke gasoline and diesel cars, including diesel engines with direct injection such as Common Rail, HDI, CDI, etc. Key features include a low ash formulation and a high resistance to ageing.

*Recommended for use if one of the following qualities are specified:*

ACEA A3/B3 - A3/B4, API SL/CF  
MB 229.1 - VW 501 01/505 00



## GOLD C3 5W40

This is a **full synthetic lubricant** based on carefully selected very high quality base oils. It is formulated with excellent additives to meet the demanding requirements of the VW 505.01 specification in terms of resistance to oxidation, oil thickening and the formation of sludge in the engine. It is a Mid SAPS oil (sulfated ash, phosphorus and sulfur content), which corresponds to Euro 4 and Euro 5 norms. It provides reliable protection of after-treatment devices and Diesel Particulate Filters. The oil is very universal in use and can be used for petrol and diesel engines.

*Recommended for use if one of the following qualities are specified*

ACEA C3 - API SN/CF  
VW 505.01/502.00/505.00  
MB 229.51/229.31/226.5  
GM DEXOS 2 - PORSCHE A40  
FIAT 9.55535-S2 - BMW LONG-LIFE 04  
FORD WSS-M2C917-A / WSS-M2C 917-A



## GOLD BT 5W30

**Fully synthetic** lubricant approved by Mercedes Benz as MB 229.52 motor oil for the latest Blue Tec engines. This oil is compatible with older specifications such as 229.51 and 229.31. Drain interval up to 35,000 km, pour point -39°C & TBN 8.0

*Recommended for use if one of the following qualities are specified*

ACEA C3 - API SN/CF  
MB 229.52/229.51/229.31  
VW 502.00/505.00/505.01  
BMW LL-04 - GM DEXOS 2



## GOLD F 5W30

This is a **full synthetic lubricant** based on carefully selected very high quality base oils, especially developed for the requirements of Ford WSS-M2C913-C/D specifications. It is characterized by significantly improved lubricating properties and provides Fuel Economy (>3%). This oil replaces the M2C-913-A/B specifications.

*Recommended for use if one of the following qualities are specified*

API SL/CF  
ACEA A1-B1/A5-B5  
FORD WSS-M2C913C/D  
JAGUAR /LAND ROVER STJR.03.5003  
RENAULT RN 0700



## GOLD F 0W30

This **fully synthetic, fuel economy "Mid SAPS" motor oil** was developed in collaboration with Ford for the EURO 6 Duratorq TDCi engines in the latest models (2014 - ...) with exhaust after treatment and turbocharger. The high-tech VI improver provides high stability to ensure long oil change intervals. The product is especially suitable for the use of biofuels, the composition was formulated so as to prevent chain wear.

*Recommended for use if one of the following qualities are specified*

ACEA C2  
FORD WSS-M2C950-A  
JAGUAR LAND ROVER STJRL.03.5007



## GOLD C2 0W30

This is a **full synthetic lubricant** based on carefully selected very high quality base oils, specially developed for the PSA EURO VI Blue HDi DW10F engines with exhaust after treatment and turbocharger. This specification demands high stability to ensure long oil drain intervals. It also addresses the use of biofuels. There is a fuel economy benefit over a 5W40 reference oil of 4.2%.

*Recommended for use if one of the following qualities are specified*

ACEA C2  
PSA  
Oil meeting specification B71 2312  
FIAT  
Oil meeting specification 9.55535-GS1/DS1



## GOLD C2 5W30

This is a **full synthetic lubricant** based on carefully selected very high quality base oils. This high-performance engine oil with low viscosity is specifically developed to provide the highest fuel economy and lowest CO2 emissions.

*Recommended for use if one of the following qualities are specified*

ACEA C2  
API SN/CF  
PSA B71 2290  
FIAT 9.55535-S1  
RENAULT RN 0700





# MOTOR OILS

## GOLD LL 5W30

**Fully synthetic** lubricant based on carefully selected very high quality base oils. It is specifically formulated to meet the most demanding VW specifications available today - VW 504.00 and 507.00 - as well as the Long Life III requirements of the VAG Group. It is a Mid SAPS oil which meets Euro 4 and Euro 5 norms and provides protection to the Diesel Particulate Filter.

*Aanbevolen voor gebruik als de volgende specificaties worden opgegeven:*

ACEA C3 - API SN  
VW 504.00/507.00 - MB 229.51  
PORSCHE C30 - BMW LONG-LIFE 04



## GOLD LL 0W30

**Fully synthetic** lubricant developed according to the most recent technology, based on specially selected full synthetic base oils and a well balanced choice of advanced additives.

*Aanbevolen voor gebruik als de volgende specificaties worden opgegeven:*

ACEA C2\*/C3  
\*DOES NOT EXCEED FE OF ACEA C2  
PORSCHE C30  
Meets the requirements of  
VW 504.00/507.00



**PERFECTION** is driven in our high-end lubricant products and extended service level. Our dynamic team is always ready to share the **POWER** of Pen1One brand. Together with the global knowledge and local approach of our distributors, we strive for **PROGRESS** at any time.





# MOTOR OILS

## GRANITE CK-4 15W40

This **heavy duty engine oil** is formulated with unique low SAPS high performance additives in combination with special selected base oils. This multigrade engine oil fulfills the latest requirements of OEMs for use in high speed four stroke diesel engines of the latest models. This heavy duty engine oil is suitable for use in both on-road and off-highway applications. This engine oil contributes to low exhaust emission and particle levels benefits highly to the lifetime of emission control systems

*Recommended for use if one of the following qualities are specified:*

ACEA E9 - API CK-4 - CAT ECF-3  
CUMMINS CES 20081 - MB 228.31  
DETROIT DIESEL 93K218 - VOLVO VDS-4  
DEUTZ DQC III-10 LA - MAN M3575  
MACK EO-O PREMIUM PLUS  
MTU TYPE 2.1 - RENAULT VI RLD-3



## GRANITE XTRA+ 5W30

This is a **full synthetic lubricant** based on carefully selected very high quality base oils, which satisfies the highest performance standards for large trucks. The formulation includes a state of the art friction modifier for improved fuel economy. It is recommended for Euro V and most Euro VI engines. Perfectly compatible with all after-treatment systems and devices (EGR, SCR, DPF, etc.) in combination with low sulfur diesel (max 50 ppm).

*Recommended for use if one of the following qualities are specified:*

ACEA E6/E7/E9 - API CJ-4/SN - CAT ECF-3  
CUMMINS CES 20081 - DETROIT DIESEL 93K218  
DEUTZ DQC IV-10 LA, JASO DH-2 - MACK EO-M PLUS / -N Premium Plus - MACK EO-O Premium Plus - VOITH CLASS B - MAN M3271-1 / M3477 / M3677 - MB 228.31 / 228.51 - MTU Type 3.1  
RENAULT RLD-2 / RLD-3 / RXD/RGD  
SCANIA LOW ASH/ LDF-4 - VOLVO CNG  
VOLVO VDS-3/VDS-4



## GRANITE XTRA 10W40

This is a **full synthetic lubricant** based on carefully selected very high quality base oils, which satisfies the highest performance standards for large trucks. It can be used for engines equipped with after treatment systems, in combination with low-sulfur diesel (maximum 50 ppm). Specifically recommended for large truck engines to satisfy the EURO V-standard and suitable for most Euro VI engines.

*Recommended for use if one of the following qualities are specified:*

ACEA E6 / E7 - API CI-4, CUMMINS CES 20076  
CUMMINS CES 20077 - DAF Long Drain  
DEUTZ DQC-IV-10 LA - JASO DH-2  
MACK EO-N - MAN M3271-1 / M3477  
MB 228.51 - MTU Type 3.1 - VOLVO VDS-3  
RENAULT RGD / RLD-2 / VI RXD



## GRANITE LDF-3 10W40

This is a **semi-synthetic lubricant** based on carefully selected very high quality base oils. This "long-drain" oil is engineered to provide outstanding lubrication to modern, high performance diesel engines. This oil is suitable for Euro IV, Euro V and mandatory for the latest SCANIA Euro VI engines. Due to the high ash content, this oil is not suitable for most engines and vehicles equipped with a particulate filter.

*Recommended for use if one of the following qualities are specified:*

ACEA E4/ E7 - API CI-4 - MACK EO-N  
CUMMINS CES 20076 / CES20077 / CES20078  
DEUTZ DQC-III-10 - MAN M3277- MB 228.5  
MTU TYPE 3 - SCANIA LDF-2 - VOLVO VDS-3  
RENAULT RLD/RLD-2/RXD  
SCANIA LDF-2/LDF-3



## GRANITE CI-4 15W40

This is a **high-performance mineral diesel engine oil** formulated to deliver reliable performance in a broad range of heavy-duty applications. It is suitable for low-emission engines (Euro II, Euro III and some Euro IV engines). Recommended for all modern diesel engines of trucks, off-road equipment and other heavy-duty applications. Universal use, including mixed fleets.

*Recommended for use if one of the following qualities are specified:*

ACEA E7 - ALLISON C4 - MB 228.3 - API CI-4/SL  
CAT ECF-1a / ECF-2 - CUMMINS CES 20076 / CES 20077 / CES 20078 - MTU Type 2  
DETROIT DIESEL 93K215 - DEUTZ DQC-III-10  
GLOBAL DHD-1 - JASO DH-1 - MACK EO-M PLUS  
MACK EO-N - MAN M3275-1 - RENAULT RLD / RLD-2 - VOLVO VDS-3 - ZF ML07C



PERFECTION.POWER.PROGRESS.





# MANUAL TRANSMISSION OILS

## GEAR XTRA 75W90

**Fully synthetic** lubricant based on carefully selected very high quality base oils, which can be used in a wide field of applications. Because of its special composition, it is particularly suited for synchronized gear boxes, as well as heavily loaded differentials.

*Recommended for use if one of the following qualities are specified:*

API GL-4 / GL-5 / MT-1 - DAF GL5/MIL PRF-2105E, IVECO VOITH 3.325-340 MACK GO-J EO-H - MAN 341 E-3 MAN 341 Z-2 / 342 M-3 / 3343 SL MAN 342 S1/342 SL - MB 235.6/235.8 MIL PRF-2105E - RN 80032/3 Annex 3 SAE J 2360 - SCANIA STO 1 - DIN51517 ZF TE-ML 02B / 05B/ 07A / 08/ 12B / 12L/12N/16F/7B/19C/ 21B - TMS 6816



## GEAR XTRA FE 75W

This is a **fully synthetic** lubricant based on carefully selected very high quality base oils with low viscosity, used in manual gearboxes of passenger cars, which allows to achieve the highest fuel economy. It offers optimized cold start properties and stable viscosity/temperature behavior.

*Recommended for use if one of the following qualities are specified:*

API GL-4 - BMW MTF LT-2/MTF LT-3 FORD WSS-M2C200-D2 - GM MTF 0063 NISSAN LV MTF-1 - PSA B71 9730 A8 VW G 052 171 (G 052 171 A1/A2) VW G 052 178 (G 052 178 A2) VW G 052 512 (G 052 512 A2) VW G 052 726 (G 052 726 A2/ G 055 726 A2 / G 060 726 A2/ G 070 726 A2) VW G 052 798



## GEAR MTF 75W80

**Fully synthetic** lubricant based on carefully selected very high quality base oils, which is recommended for the manual transmissions of most commercial vehicles. It is adapted to the requirements of synchromesh transmissions, procuring improved shift comfort, low temperature fluidity and longer service life. This product meets the requirements of many commercial vehicle builders and/or gearbox manufacturers.

*Recommended for use if one of the following qualities are specified:*

API GL-4 - MAN 341 E-3/341 Z-4 RENAULT B0032/2 Annex 3 MB 235.4 - VOLVO 97305/97307 ZF TE-ML 01L/02L/08/13/16K/24A



## GEAR FS 75W80

**Fully synthetic** lubricant based on carefully selected very high quality base oils, which is recommended for the manual transmissions of most commercial vehicles. It is adapted to the requirements of synchromesh transmissions, procuring improved shift comfort, low temperature fluidity and longer service life.

*Recommended for use if one of the following qualities are specified:*

MAN 341 E-3/341 Z-4 MB 235.4 VOLVO 97305 ZF TE-ML 01L/ TE-ML 02L ZF TE-ML 08/ TE-ML 16K



## GEAR XTRA 75W80

This is a high quality transmission oil, suitable for nearly all manual gearboxes of passenger cars. It is especially suitable as a replacement for specific OEM original oils and reduces the complexity and storage of gearbox oils. Tested under strict conditions, this oil satisfies the general performance requirements of most car makers and models, in all weather conditions

*Recommended for use if one of the following qualities are specified:*

API GL-4 +(GL4/GL5) - MB 235.10 FIAT 9.55550-MX3/ 9.55550-MZ1 FORD ESD-M2C186-A/ WSD-M2C200-D GM1940182 / 1940768 - HONDA MTF 94 NISSAN MT-XZ - PSA 9730 A8/ B71 2330 VOLVO 97308/97309/ 97310



## GEAR GL-5 80W90

This is an extreme-pressure lubricant for gear boxes, specifically formulated to satisfy the highest service conditions: high speed, shock loads and high torque at low speeds.

*Recommended for use if one of the following qualities are specified:*

API GL-5, MB 235.0 MAN 342 M-1/342 M-2 MIL MIL-L-2105 C/MIL-L-2105 D ZF TE-ML07A/12E/12M/12N/16B/16C/ 17B/19B





# AUTOMATIC TRANSMISSION OILS

## ATF 1003 H

**Mineral lubricant** with a very high viscosity index for most automatic transmissions. The improved fluidity at low temperatures ensures optimal performance in all conditions.

*Recommended for use if one of the following qualities are specified:*

DEXRON IID/IE/IIIF/IIIG/IIH  
MB 236.1/236.5/236.6/236.7/236.9  
FORD MERCON/M2C138-CJ/166-H  
MAN 339 TYP Z1/V1  
ALLISON C4/TES-389, CAT TO-2  
VOITH 55.6335 (G607), VOLVO 97341  
ZF TE-ML 02F/03D/04D/09A/09B/11A/1B/14A/17C

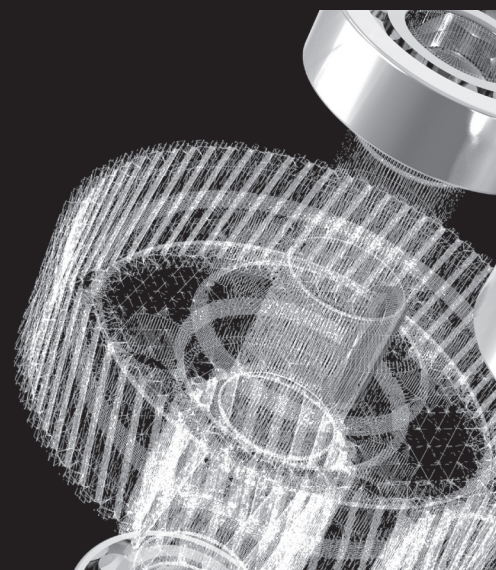


## ATF MB 1014

**Synthetic lubricant** based intended for all MB 7-speed automatic transmissions and NAG-V Sport transmissions. It provides excellent frictional durability and superior performance.

*Recommended for use if one of the following qualities are specified:*

MB 236.10/236.11/236.12/236.14



## ATF DSG

**Fully synthetic** lubricant specifically developed for the dual clutch transmissions (DCT). Mainly intended for the DSG (Direct Shift Gearbox) of VAG. This fluid can also be used for other 6-speed DCT transmissions, such as Chrysler Powershift, Ford Powershift, Mitsubishi TC-SST, Volvo Powershift, BMW Drivelogic 7-speed, etc. This product is not intended for VW dry clutch DSG type 0AM, 02M, 02Q and 02S.

*Recommended for use if one of the following qualities are specified:*

BMW DCTF-1/MTF LT-5 - CHRYSLER 68044345EA  
FERRARI TF DCT-F3 - FIAT 9.55550-M26  
FORD WSS-M2C936-A - MB 236.21, 236.25  
- MITSUBISHI DIAMOND QUEEN - NISSAN R35  
SPECIAL - PORSCHE 000.043.20, 000.043.207.29,  
000.043.207.30 - RENAULT EDC 6-Speed -  
VOLVO #1161838 - VW G 052 182, G 052 513,  
G 052 529



## ATF CVT

**Fully synthetic** lubricant designed to be used in most continuously variable transmission CVT gearboxes. It is suitable for continuously variable transmissions, using steel push-belts or chains. It offers outstanding anti-wear protection and stable friction characteristics.

*Recommended for use if one of the following qualities are specified:*

AUDI TL 52180 - Daihatsu Ammix CVT - DODGE  
NS-2/CVT-F4 - FORD CVT23, CVT30, MERCON  
C - GM SATURN DEX-CVT - HONDA HCF-2,  
HMMF - HYUNDAI SP-CVT1, SP-III - JEEP NS-2/  
CVTF-4 - KIA SP-CVT 1, SP-III - MB 236.20 - MINI  
E2L799A - BMW 83220136376 / 83220429159 -  
MITSUBISHI CVTF-J1/SP-III - NISSAN NS-1/NS-2/  
NS-3 - PUNUCH E2L799A - SUBARU Lineartronic  
CVTF - SUZUKI TC/NS-2/CVT Green 1 - TOYOTA  
TC - VW G 052 180, G 052 516



## ATF 1004

A **synthetic automatic transmission fluid**, based on synthetic base oils, formulated with special friction modifiers to obtain the following properties: a very high and stable viscosity index, a very low pour point, an excellent stability against oxidation, a positive activity against wear, corrosion and foam specific friction properties and consequently low noise and smooth switching, compatible with synthetic seals, a quick oil provision at cold start conditions

*Recommended for use if one of the following qualities are specified:*

TOYOTA ATF T / ATF T-II/ATF T-III/T-IV/ D-II/  
D-II/WS - NISSAN MATIC FLUID C/D/J/K  
HONDA ULTRA II / ULTRA-ZI/ULTRA HMMF  
MAZDA ATF M-V/HYUNDAI/KIA SP-II/SP-III  
SUZUKI ATF 3314 - SUBARU ATF/ATF 5AT/  
ATF HP/DEXRON II - GM DEXRON IID/IE/IIIG/  
IIIH - TASA - FORD MERCON/ M2C 138CJ/ 166H/  
922A1/ 924A - AISIN WARNER JWS 3309/3324 -  
ISUZU BESCO - ATF IV/III - ALLISON C4/TES-228  
JASO M 315-2013 TYPE 1A, MB 236.1/ 236.6/  
236.7/ 236.8/ 236.9/ 236.1 - BMW 7045E/ 8072B,  
CHRYSLER ATF + 3/ ATF +4 - VAG G-055-025,  
VOLVO 1161540 ZF TE-ML 09/ 11A/ 11B



## ATF DX 1006

**Synthetic lubricant** which meets the requirements of the General Motors Dexron VI specification. Its special composition allows it to be used in all applications, where the older Dexron II and Dexron III fluids are recommended.

*Aanbevolen voor gebruik als de volgende specificaties worden opgegeven:*

DEXRON VI, MERCON LV - FIAT Tysier IV - MB 23  
6.1/236.5/236.7/236.8/236.9/236.41 - VAG G-  
055-025/G-052-162 - AISIN WARNER JWS 3309/3324  
(WS) ALLISON TES 228/C3/C4 - MINI COOPER-T-IV  
BMW ETL7045/7045E/8072B/LA2634/ CHRYSLER  
DODGE MOPAR AS68RC (Type IV) CHRYSLER  
DODGE MOPAR ATF+/+2/+3/+4 - FORD MERCON /  
WSS-M2C138-CJ/166-H/922-A1/924-A - GM Dexron IID/  
IE/IIIG/IIIH/TASA - HONDA ACURA DW-1/ATF-Z1  
(except in CVT) - HYUNDAI/KIA SP-II/SP-III/SP-IV/  
SP-IV M/SP-IV RR - HYUNDAI/KIA JWS3314/9683  
- ISUZU BESCO ATF III/III NISSAN MATIC C/D/J/K/S -  
Jaguar ATF 3403 M115/ILM 20238 - JASO M315-2013  
1A/1A-LV/2AMazda ATF DIUM-III/M-V/FZ/F-1/S-  
1/N-1/3317 - Mitsubishi SK/SP-II/SP-III/SP-IV/AW/  
J2/J3/ATF PA - OPEL PORSCHE ATF 3403-M115/  
Type IV - SUBARU ATF/ATF 5AT/ATF HP SUZUKI ATF  
3309/3314/3317/2326/2384 K - TOYOTA D-II/D-III/T-  
III/T-IV/WS - VOITH 55.6335 - VOLVO 1161540/97340  
ZF 5HP 18FL/19FL/24A/30/4 HP 20 - ZF TE-ML  
11A/11B



## ATF MB 1015

**Synthetic lubricant** intended for the latest MB 7-speed automatic transmissions from MB (NAG2FE+). It provides excellent frictional durability, superior performance and fuel economy.

*Aanbevolen voor gebruik als de volgende specificatie wordt opgegeven:*

MB 236.15







## BRAKE FLUIDS



### BRAKE FLUID DOT 4

Brake fluid, intended for hydraulic brake systems. Its composition provides a high chemical stability, excellent resistance against residue formation, very good stability towards oxidation and is compatible with all materials present in the circuit.

*Recommended for use if one of the following qualities are specified:*

FMVSS 116 DOT 4/116 DOT3  
ISO 4925 Class 3&4  
SAE J 1703/J 1704

### BRAKE FLUID DOT 4 LV

These oil is recommended for ABS and ASR brake systems. Especially the low viscosity, compared to the original DOT 4 brake fluids, stands out very well in these systems. can be mixed with other synthetic brake fluids meeting FMVSS 116 DOT 3, DOT 4 and DOT 5.1 specifications and can be applied in systems prescribing these specifications. will not affect cup seals, brake fluid pipes or seal rings.

*Recommended for use if one of the following qualities are specified:*

SAE J 1703 - ISO 4925 CLASS 6  
FMVSS-116 DOT 3, DOT 4  
VW 501.14



## GREASES

### LITHIUM COMPLEX EP2

A specially developed multi-purpose lithium complex grease for lubricating all anti-friction and plain bearings for use in industrial and automotive applications. The grease has shown exceptional performance providing extended lubrication intervals over wide operating temperature range.

### LITHIUM EP 2

An economical grease based on lithium soap. It is reusable and shows the following features: anti-rust, anti-wear and extreme pressure. It is a long-winded fat of high quality for by more applications in which a large adhering ability is desired.

### GRAPHITE EP 2

Is a tenacious grease designed for heavy duty applications where adhesion, shock loading and good corrosion protection is needed. It has been proven ideal for use on bucket pins and bushes of heavy earth moving equipment, crane slews, and also as an assembly and running in compound. The presence of graphite will fill surfaces and distribute load evenly preventing further wear and is therefore particularly suitable to extend the life worn components





## SPECIALTIES

### ANTIFREEZE READY G11

An automotive coolant based on monoethyleneglycol and demineralized water with addition of additives to obtain the following properties:

- a perfect protection of all types of metals that are used in engines and cooling systems
- a neutral behaviour towards seals, gaskets and hoses
- a very good resistance against formation of foam

*Recommended for use if one of the following qualities are specified:*

BS 6580 2010

### ANTIFREEZE READY G13

A diluted on ethylene glycol/glycerine based coolant for use in engines. It employs Hybrid Organic Acid Technology (HOAT) inhibitor, is nitrite, amine, phosphate (NAP) and borate free. It contains some silicate additives which gives a fast healing aluminium protection. This technology provides superior and permanent protection to all components of the cooling system and a life span of 4 - 6 years or 250.000 km for passenger cars and 500.000 km for professional applications. Ready to use solution.

*Recommended for use if one of the following qualities are specified:*

VW TL 774 J  
VAG

### ANTIFREEZE READY G12

A "long life" OAT (Organic Additives Technology) automotive coolant based on monoethyleneglycol and demineralized water with addition of additives to obtain the following properties:

- a perfect protection of all types of metals that are used in engines and cooling systems
- a neutral behaviour towards seals, gaskets and hoses
- a very good resistance against formation of foam
- nitrite, amine, phosphate and silicate free

*Recommended for use if one of the following qualities are specified:*

FORD WSS-M97B44-D - VOLKSWAGEN VW TL 774-F ("G12 Plus") - MB 326.3 - MAN 324 Typ SNF  
DETROIT DIESEL - DAF 74002 - GM 6277M  
LEYLAND TRUCKS LTS 22 AF 10 - VOLVO VCS  
RENAULT 41-01-001/-S TYPE D - SCANIA TB 1451  
CUMMINS 85T8-2 - CHRYSLER MS 917  
MACK 014GS 17004 - JOHN DEERE H 24 B1 & C1  
FORD WSS-M2C 917-A

### GLASS CLEAN XTRA OR READY



PACKAGING (available by request)

12x1L / 4x4L / 4x5L / 20L / 30L / 60L / 210L / IBC / BULK



[WWW.PEN1ONE.BE](http://WWW.PEN1ONE.BE)

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