

# Gearboxes and Transmissions

Lubricants Catalogue



**REPSOL**

*Let's invent the future*





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# 1. Introduction

When you choose **Repsol**, you get so much more. Because you have the confidence from a top-level **global multi-energy company** present throughout the energy chain. We're a company that employs more than 24,000 people, and our products are sold in more than 80 countries, reaching 24 million customers. Our crude oil production exceeds 600,000 barrels of oil equivalent per day on average and has one of the most efficient refining systems in Europe.



**The Repsol Commitment  
Net Zero Emissions  
by 2050**

We manage low-emission power generation assets, including photovoltaic and wind energy projects. We are a large group in continuous transformation and diversification of businesses to **lead the energy transition**, being the first company from the sector to support the Kyoto Protocol, to issue a green bond, and to set the goal of achieving net zero emissions by 2050.

To achieve this goal, we are committed to technology and digitalization as fundamental pillars through a **model that integrates all technologies** for decarbonization, and is based on improved efficiency; renewable power generation; products with a low, neutral, or even negative carbon footprint; circular economy; and industrial innovation. That is what has made us leaders in innovation, sustainability, and efficiency, thanks to our cutting-edge projects.



To align ourselves with our goal of zero emissions and to adapt ourselves to the needs of our customers, **we have restructured the lubricant ranges.**



## 2. Manual transmissions

### Navigator MBT LL 75W-90



Synthetic fluid certified by Mercedes-Benz [MB 235.11] for use in manual and automatic transmissions of its more modern vehicles (Actros, etc.).

This 100% synthetic oil helps lower fuel consumption and allows for extended oil change intervals. Because it reduces mechanical loss, it also helps reduce temperatures - even in gearboxes without oil coolers working in harsh conditions, protecting and increasing the lifespan of gearbox parts.

QUALITY LEVELS,  
APPROVALS AND  
RECOMMENDATIONS

API GL-4  
MAN 341 TYPE MB

MB-APPROVAL 235.11\*  
\*Formal approval

### Navigator LL SAE 40



This synthetic fluid is designed to lower fuel consumption, extend oil change intervals, and handle severe conditions in manual, hybrid, and automatic transmissions of heavy vehicles.

Navigator LL SAE 40 is certified by EATON as PS-386 for use in new gearboxes such as Fuller Advantage, Ultrashift, Ultrashift PLUS, Freightliner M2, Cascadia, New Cascadia, Coronado, Kenworth (T, W, and off highway series), Thomas Built Buses, and models with up to 18 gears (FO, FM, FS, RT, FR series) as well as hybrid vehicles (EH and EHV series).

This new lubricant is approved for use in older EATON models requiring PS-164 Rev. 7 fluid.

QUALITY LEVELS,  
APPROVALS AND  
RECOMMENDATIONS

API MT-1  
EATON PS-386\*  
EATON PS-164 REV. 7 [obsolete]

MACK TO-A PLUS  
MERITOR O-81  
NAVISTAR MPAPS B-6816 TYPE II

\*Formal approval

### Navigator FE LL 75W-80



Synthetic lubricant especially designed to meet the lubrication requirements of leading vehicle manufacturers for manual gearboxes which require extended oil change intervals. It contributes to fuel savings and allows for smooth shifting, even at low temperatures.

QUALITY LEVELS,  
APPROVALS AND  
RECOMMENDATIONS

API GL-4  
DAF TRANSMISSIONS  
EATON EUROPE  
IVECO TRANSMISSIONS

MAN 341 Z-4\*  
MAN 341 E-3 [obsolete]  
RENAULT [B0032/2 ANNEX 3]  
VOLVO 97305

ZF TE-ML 01L/02L/08/16K\*  
\*Formal approval

## Navigator FE LL 75W-90



Synthetic lubricant designed to lubricate differentials and certain gearboxes and transmissions in vehicles, making it possible to unify both systems using a single oil. It provides unbeatable performance in the drive axles and rear axles of heavy duty vehicles thanks to its ability to withstand heavy loads and its exceptional fluidity at low temperatures. It contributes to fuel savings and allows drain intervals to be increased.

### QUALITY LEVELS, APPROVALS AND RECOMMENDATIONS

API GL-4/GL-5/MT-1  
ARVIN MERITOR 0-76-N

DAF API GL-5 & TRANSMISSIONS  
IVECO AXLES & TRANSMISSIONS  
MACK GO-J  
MAN 341 Z2, 342 S1\*  
[old MAN 3343]  
MB 235.0

MB-APPROVAL 235.8\*  
MIL-PRF-2105E  
RENAULT AXLES  
SAE J 2360\*  
SCANIA STO 2:0 A FS/STO 1:0\*  
VOLVO 97312\*

ZF TE-ML 02B/05A/12L/12N  
/16F/17B/19C/21A\*  
\*Formal approval

## Navigator Transaxle 75W-80



Synthetic lubricant for manual gearboxes and transaxle differentials of cars which require an API GL-4+ quality level and work in a wide range of temperatures. This oil has been especially designed to meet the lubrication requirements established by leading vehicle manufacturers (Peugeot, Citroën, Renault, General Motors, etc.) for their manual gearboxes and differentials.

### QUALITY LEVELS

API GL-4  
BMW MTF LT-2  
FIAT MZ6  
GM 1940764, 1940768

HONDA MTF, MTF-II, MTF-III  
NISSAN MT-XZ  
PSA B71 2330  
TRANSELF NFJ, NFP

TRANSELF TRJ, TRT, TRZ  
VOLVO 97308, 97309  
VW G 009 317

## Navigator GL-4 75W-80 and 80W-90



Lubricant for manual gearboxes of commercial vehicles and cars in which an API GL-4 quality level is required. This oil has been especially designed to meet the lubrication requirements established by leading vehicle manufacturers for their manual gearboxes.

### QUALITY LEVELS

API GL-4

## Navigator HQ GL-4 SAE 80W



Monograde lubricant oil for manual gearboxes in which an API GL-4 quality level is required.

### QUALITY LEVELS, APPROVALS AND RECOMMENDATIONS

API GL-4  
DAF TRANSMISSIONS  
IVECO 18-1807 MGS2

MB 235.1\*  
RENAULT TRANSMISSIONS  
VW 726

ZF TE-ML 08/17A\*  
\*Formal approval

## Navigator HQ GL-4 75W-90



Multi-grade lubricant oil for the lubrication of manual gearboxes and transmission mechanisms in which an API GL-4 quality level is required. The oil viscosity allows it to be used at a wide range of vehicle start-up temperatures.

### QUALITY LEVELS

API GL-4  
DAF TRANSMISSIONS  
IVECO TRANSMISSIONS


MIL-L-2105  
ZF TE-ML 08



# 3. Automatic transmissions

## 3.1. Passenger car transmissions

<b>Automator ATF VI</b>		
	<p>Automator ATF VI is a low-viscosity synthetic lubricant approved by General Motors for use in all its automatic transmissions. It complies with the DEXRON III, DEXRON II and TASA specifications. It is recommended for passenger cars and certain heavy duty vehicles.</p>	
<p><b>QUALITY LEVELS, APPROVALS AND RECOMMENDATIONS</b></p> <p>AISIN WARNER JWS 3309 (T-IV) &amp; JWS 3324 (WS), AW-1            AUDI 5 HP LT71141            BMW ETL-8072B            BMW JWS 3309 (T-IV)            BMW LA2634            BMW LT 71141 (ZF 5 HP 18FL/19FL/24A)            CHRYSLER/DODGE MOPAR AS 68 RC (T-IV), JWS 3309            FIAT T-IV TYPE, JWS 3309            FORD FNR5 (MAZDA M5, XT-9-QMM5)            FORD MERCON LV            FORD WSS-M2C-938-A / XT-10 QLV            GM DEXRON VI*            HONDA ATF-Z1 [except in CVTS]            HONDA DW-1            HYUNDAI/KIA SP-III, SP-IV            HYUNDAI/KIA SP-IV M (SP4-M)</p>	<p>HYUNDAI/KIA SP-IV-RR            ISUZU BESCO ATF-II, ATF-III, ATF SP            JAGUAR ATF 3403-M115            JAGUAR ATF LT71141, ZF 5HP24            JAGUAR ATF 3403, JLM20238            JASO M315 1A-LV            MAZDA ATF M-III, M-V            MITSUBISHI DIAQUEEN SK, SP-II, SP-III            MITSUBISHI DIAQUEEN ATF-MA1, ATF PA            NISSAN MATIC FLUID C, D, J, K, S            OPEL/GM 19 40 700 / 767            OPEL/GM 21005966 TRANSAXLE            OPEL/GM 22 17466            OPEL/GM 88900925            OPEL/GM 9986195            PEUGEOT/CITROEN (PSA) AL4            PEUGEOT ZF 4HP20            AUTOMATIC GEARBOX OIL (#9730.AE)            PORSCHE ATF 3403-M115,            PORSCHE T-IV (JWS 3309)            PORSCHE ZF 5HP19FL, ZF 5HP20, LT71141            SAAB 93 165 147</p>	<p>SAAB T-IV (JWS 3309)            SUBARU ATF 5AT            SUBARU ATF, ATF HP            SUZUKI ATF 2326            TOYOTA ATF D-II, D-III            TOYOTA ATF T-III, T-IV            TOYOTA ATF WS            VOLVO CE 97340            VW 5HP (18FL, 30)            VW 5HP (19FL, 24A)            VW 5HP (ZF 5 HP 30)            VW G 055 025 A2 (JWS 3309)            VW G 055 162-A2, A6 (ZF LIFEGUARD FLUID 6 PLUS)            VW G 060 162- A2 (ZF LIFEGUARD FLUID 8)            VW G 052 162 (ZF LIFEGUARD FLUID 5)            VW TL 521 62            ZF 8 SPEED TRANSMISSIONS            ZF 9 SPEED TRANSMISSIONS            ZF TE-ML 05L, 09, 11A, 11B, 21L            *Formal approval</p>

<b>Automator DCT</b>		
	<p>Synthetic lubricant for DCT or DSG [dual-clutch gearbox] automatic transmissions, which provides users with faster, smoother gear shifting and helps to reduce fuel consumption. This oil has been designed for use in the transmissions of leading passenger car manufacturers such as Volkswagen, Ford, Mercedes-Benz, etc.</p>	
<p><b>QUALITY LEVELS</b></p> <p>BMW 83 22 2 148 578 / 83 22 2 148 579 / 83 22 0 440 214 / 83 22 2 147 477</p>	<p>FORD WSS-M2C-936-A            MB 236.21 / 236.24 / 236.25            MITSUBISHI S5TF-I            PSA 9734.S2</p>	<p>PORSCHE 999.917.080.00            VOLVO 1161838, 1161839            VW TL 052 182 / TL 052 529</p>



## Automator CVT



Long-lasting synthetic lubricant for latest-generation continuously variable transmissions (CVTs), either belt or chain driven. It is primarily recommended for Asian vehicles.

### QUALITY LEVELS

AUDI MULTITRONIC  
CHRYSLER / JEEP / DODGE NS-2 / CVT +4  
DAIHATSU AMMIX CVT / CVTF / TC  
HONDA HMMF / HCF2

HYUNDAI / KIA CVT-J1 / SP-III  
JASO M315 1A  
MAZDA JWS 3320  
MINI COOPER EZL 799 / 799AVW G 052  
516 / G 052 180 A2  
MITSUBISHI SP-III / CVTF-J1 / J4 / J4+

NISSAN NS-1 / NS-2 / NS-3  
SUBARU ECVT / ICVT / FG / NS-2  
SUZUKI CVTF / NS-2 / CVT GREEN 1 & 2  
TOYOTA CVTF TC / CVTF FE

## Automator ATF Diafluid



Synthetic-technology lubricant oil for automatic transmissions and power-assisted steering, especially designed to meet the needs of most Asian car manufacturers (Mitsubishi, Suzuki, Toyota, Nissan, Honda and Subaru, among others). It can also be used in continuously variable transmissions (CVTs) in which the manufacturer allows the use of an automatic transmission fluid (ATF).

### QUALITY LEVELS

ALLISON C-4, TES 295, TES 389  
DEXRON III H

FORD MERCON V  
MAN 339 V2/339 Z2, Z11/339 L1  
MB-APPROVAL 236.9  
VOITH H55.6336

ZF TE-ML 03D/04D/14B/17C/20B/25B  
T-II/T-IV

## 3.2. Heavy duty vehicle transmissions

### Automator ATF 14C



Synthetic fluid for automatic transmissions in industrial vehicles and buses requiring long drain intervals or severe driving conditions. Certified for use by major transmission manufacturers. Approved for use in ZF EcoLife, ZF Ecomat, and Voith Diwa transmissions.

### QUALITY LEVELS, APPROVALS AND RECOMMENDATIONS

MAN 339 TYPE V1/ Z3/ Z12\*  
MB 236.9\*  
VOITH H55.6336XX / 150.014524.XX\*  
VOLVO 97341\*

ZF TE-ML 04D/ 14C/ 16M/ 16S/ 20C  
[APPROVAL NUMBER ZF003586]\*  
\*Formal approval

## Automator ATF III



Long-lasting synthetic lubricant for automatic transmissions which can be used in passenger cars, commercial vehicles and construction machinery. It is recommended for transmissions and power steering that require a fluid which complies with the DEXRON III specification. Automator ATF III has also been especially designed to meet the most stringent requirements of automatic gearboxes in heavy duty vehicles which require the Allison TES-295 specification. It meets the requirements of Voith and other manufacturers.

### QUALITY LEVELS, APPROVALS AND RECOMMENDATIONS

ALLISON C-4  
 ALLISON TES 295, TES 389  
 FORD MERCON V  
 GM DEXRON III H  
 MAN 339 V-2 / 339 Z-2, Z-11 / 339 L-1\*

MB 236.9\*  
 VOITH 55.6336\*  
 VOLVO TRANSMISSION OIL 97341\*, AT101  
 ZF TE-ML 03D/04D/14B/17C/20B/25B\*  
 \*Formal approval

## Automator ATF II



Special oil for automatic transmissions [ATF] which meets the demands of manufacturers requiring the DEXRON II D quality level. It is especially recommended for automatic transmissions and power steering in vehicles, and may also be used in torque converters, hydraulic systems and other applications in which an ATF DEXRON II fluid is required.

### QUALITY LEVELS, APPROVALS AND RECOMMENDATIONS

ALLISON C-4

FORD MERCON  
 GM DEXRON II D  
 MAN 339 V-1/339 Z-1/339 L-2\*  
 MB 236.9\*  
 VOITH H55.6335\*

VOLVO 97341\*  
 ZF TE-ML 03D/04D/11A/14A/17C\*  
 \*Formal approval



# 4. Differentials

## Navigator FE LL 75W-90



Synthetic lubricant designed for differentials and some vehicle's gearboxes and transmissions: a single oil that can be used in both systems. It provides unbeatable performance in rear drive axles of heavy vehicles thanks to its ability to support heavy loads and its exceptional fluidity at low temperatures. It contributes to lower fuel consumption and allows for extended oil change intervals.

### QUALITY LEVELS, APPROVALS AND RECOMMENDATIONS

API GL-4/GL-5/MT-1  
ARVIN MERITOR 0-76-N

DAF API GL-5 & TRANSMISSIONS  
IVECO AXLES & TRANSMISSIONS  
MACK GO-J  
MAN 341 Z2, 342 S1\* (old MAN 3343)

MB 235.0  
MB-APPROVAL 235.8\*  
MIL-PRF-2105E  
RENAULT AXLES  
SAE J 2360\*  
SCANIA STO 2:0 A FS/STO 1:0\*

VOLVO 97312\*  
ZF TE-ML 02B, 05A, 05B (obsolete), 07A, 08, 12L, 12N, 16F, 17B, 19C AND 21A\*  
\*Formal approval

## Navigator LL 80W-90



Long-lasting oil for differentials and certain manual gearboxes that require a GL-5 quality level. It is particularly recommended for differentials in commercial and off-road vehicles working under harsh conditions that require a high-performance lubricant. It complies with current manufacturers' specifications that require oils with long drain intervals which can double or even triple the time between oil changes in comparison with conventional mineral oils.

### QUALITY LEVELS, APPROVALS AND RECOMMENDATIONS

API GL-5/MT-1  
ARVIN MERITOR 076-D

DAF API GL-5  
IVECO AXLE  
MACK GO-J  
MAN 342 M3 AND 341 GA1\*  
MB 235.20\*  
RENAULT AXLE

SAE J 2360  
SCANIA STO 1:0 for gearboxes\*  
VOLVO 97310  
ZF TE-ML  
05A/07A/08/12L/12M/16B/17B/19B/21A\*  
\*Formal approval

## Navigator LL 85W-140



Long-lasting oil for differentials and certain manual gearboxes that require a GL-5 quality level. It is particularly recommended for differentials in commercial and off-road vehicles working under harsh conditions that require a high-performance lubricant. It complies with current manufacturers' specifications that require oils with long drain intervals which can double or even triple the time between oil changes in comparison with conventional mineral oils.

### QUALITY LEVELS, APPROVALS AND RECOMMENDATIONS

API GL-5/MT-1  
ARVIN MERITOR 076-A  
DAF API GL-5  
IVECO AXLE

MACK GO-J  
SCANIA STO 1:0 for gearboxes\*  
SCANIA STO 1:0 for differentials\*

VOLVO 97310  
ZF TE-ML  
05A/07A/08/12M/16D/21A\*  
\*Formal approval

## Navigator HQ GL-5 80W-90



Multi-grade extreme pressure lubricant oil, used in automotive differentials or transmissions groups and in manual gearboxes in which API GL-5 oil is required. It is especially recommended for hypoid differentials due to its high load capacity. This oil was specially designed to comply with the lubrication requirements established by leading manufacturers.

### QUALITY LEVELS, APPROVALS AND RECOMMENDATIONS

API GL-5  
DAF API GL-5  
MAN 342 M1  
MB 235.0\*  
MIL-L-2105 D

RENAULT AXLES  
VOITH TURBO 132.00374400  
[EX 3.325-339]\*  
ZF TE-ML 07A/08/16B/16C/17B/19B/21A\*  
\*Formal approval

## Navigator HQ GL-5 85W-140



Multi-grade extreme pressure lubricant oil specially developed for use in differentials or transmission units and manual gearboxes in which API GL-5 oil is required. Its high load capacity means that it is particularly recommended for hypoid differentials.

### QUALITY LEVELS, APPROVALS AND RECOMMENDATIONS

API GL-5  
DAF API GL-5  
MIL-L-2105 D

VOLVO 97310  
ZF TE-ML 07A/08/16C/16D/21A\*  
\*Formal approval

## Navigator GL-5 80W-90 and 85W-140



Multi-grade extreme pressure lubricant oil specially developed for use in differentials or hypoid and helical transmission units in which API GL-5 quality is required.

### QUALITY LEVELS

API GL-5

## Navigator HQ GL-5 SAE 90



Monograde lubricant oil with extreme pressure additives, recommended for use in differentials and rear drive axles of vehicles or hypoid transmission units. It can also be used in gearboxes and other gears, especially in industrial vehicles working under very harsh service conditions, at low speeds and high loads.

### QUALITY LEVELS, APPROVALS AND RECOMMENDATIONS

API GL-5  
MAN 342 M1  
MB 235.0\*  
VOLVO 97310

VW 727  
ZF TE ML-  
05A/07A/08/16B/16C/17B/19B/21A\*  
\*Formal approval



## 4.1 Limited slip differentials

### Navigator AWD LSD 75W-90



Synthetic multi-grade lubricant oil recommended for locking transmission systems or limited slip differential (LSD) units commonly used in construction machinery and all-terrain vehicles with several drive axles.

**QUALITY LEVELS,  
APPROVALS AND  
RECOMMENDATIONS**

API GL-5, LSD

### Navigator LSD 80W-90 and 85W-140



Multi-grade lubricant oil for locking differentials in commercial vehicles, construction machinery vehicles and, in general, four-wheel drive vehicles in which fluids with limited slip differential (LSD) characteristics are required. It can also be used in non-locking differentials in which an extreme pressure, API GL-5 quality level lubricant is required.

**QUALITY LEVELS,  
APPROVALS AND  
RECOMMENDATIONS**

API GL-5  
ZF TE-ML 05C/07A/08/12C/21C [80W-90]\*

\*Formal approval

## 5. Other products

### Navigator GL-1 SAE 140 and 250



Monograde lubricant oil produced using highly refined mineral base oils. It may be used in manual transmissions and other gear mechanisms which, due to their design and load, operate under low or moderately demanding working conditions.

**QUALITY LEVELS**

API GL-1



# 6. Transmissions for construction machinery

## Navigator TO-4 SAE 10W



Lubricant oil for construction machinery, especially formulated to meet the requirements of the CATERPILLAR, ALLISON and KOMATSU specifications, used in automatic transmissions, clutches and brakes, as well as in final drives, hydraulic systems, crown gears and differentials [according to SAE grade].

**QUALITY LEVELS,  
APPROVALS AND  
RECOMMENDATIONS**

ALLISON C-4  
CATERPILLAR TO-4  
KOMATSU KES 07.868.1\*

ZF TE-ML 03C, APPROVAL ZF003469\*  
\*Formal approval

## Navigator TO-4 SAE 30



Lubricant oil for construction machinery, especially formulated to meet the requirements of the CATERPILLAR, ALLISON and KOMATSU specifications, used in automatic transmissions, clutches and brakes, as well as in final drives, hydraulic systems, crown gears and differentials [according to SAE grade].

**QUALITY LEVELS,  
APPROVALS AND  
RECOMMENDATIONS**

ALLISON C-4  
API CF  
API GL-4  
CATERPILLAR TO-4

KOMATSU KES 07.868.1\*  
ZF TE-ML 03C, 07F, APPROVAL  
ZF003472\*  
\*Formal approval

## Navigator TO-4 SAE 50



Lubricant oil for construction machinery, especially formulated to meet the requirements of the CATERPILLAR, ALLISON and KOMATSU specifications, used in automatic transmissions, clutches and brakes, as well as in final drives, hydraulic systems, crown gears and differentials [according to SAE grade].

**QUALITY LEVELS,  
APPROVALS AND  
RECOMMENDATIONS**

API CF  
API GL-4  
CATERPILLAR TO-4

KOMATSU KES 07.868.1\*  
\*Formal approval





# 7. Quality specifications

## MANUAL TRANSMISSIONS

PRODUCT	Navigator MBT LL 75W-90	Navigator FE LL 75W-90	Navigator LL SAE 40	Navigator FE LL 75W-80	Navigator Transaxle 75W-80	Navigator GL-4 75W-80	Navigator GL-4 80W-90	Navigator HQ GL-4 SAE 80W	Navigator HQ GL-4 75W-90
API	GL-4	GL-4 / GL-5 /MT-1	MT-1	GL-4	GL-4	GL-4	GL-4	GL-4	GL-4
ARVIN MERITOR		076-N							
BMW					MTF LT-2				
DAF		API GL-5 & Transmissions		Transmissions				Transmissions	Transmissions
EATON FULLER			PS-386*						
FIAT					MZ6I				
GM					1940764, 1940768				
HONDA					MTF, MTF-II, MTF-III				
IVECO		Axles & Transmissions		Transmissions				Transmissions	
MACK		GO-J	TO-A Plus						
MAN	341 Type MB	341 Z2 / 342 S1*		341 Z4*					
MB	235.11*	235.0 [level] / 235.8*						235.1*	
MERITOR			O-81						
MIL		PRF-2105 E							L-2105
NAVISTAR			MPAPS B-6816 Type II						
NISSAN					MTF, MTF-II, MTF-III				
PSA					B71 2330				
RENAULT		Axles							
SAE		J 2360							
SCANIA		STO 2:0 A FS / STO 1:0*							
VOITH									
VOLVO		97312*		97305	97308, 97309				
VW								726	
ZF TE-ML	MT-1	02B / 05A / 12L / 12N / 16F / 17B / 19C / 21A*		01L / 02L / 08 / 16K*				08 / 17A*	08

\*Formal approval

## AUTOMATIC TRANSMISSIONS

PRODUCT	Automator ATF 14C	Automator ATF VI	Automator ATF III	Automator ATF Diafluid	Automator DCT	Automator CVT	Automator ATF II
ALLISON			C-4/TES 295/TES 389	C-4			C-4
BMW		JWS 3309 (T-IV), LA2634 and ETL-8072B			83 22 2 148 578 / 83 22 2 148 579 / 83 22 0 440 214 / 83 22 2 147 477		
CHRYSLER		MOPAR AS 68 RC (T-IV) and JWS 3309		ATF +3/+4		NS-2	
DAIHATSU				AMMIX ATF D-II/D-III MULTI		Ammix CVT / CVTF / TC	
DEXRON		VI*	III H	III H			II D
FORD		MERCON LV WSS-M2C-938-A / XT-10 QLV	MERCON V	MERCON	WSS-M2C-936-A		MERCON
HONDA		ATF-Z1 (except in CVTs) and DW-1		Z-1/CVT		HMMF/HCF2	
HYUNDAI		SP-IV, SP-IV M (SP4-M), SP-IV-RR and SP-III				CVT-J1 / SP-III	
JASO		M315 1A-LV		M315-2004 CLASS 1A-03		M315 1A	
MAN	339 Type V1 / Z3 / Z12*		339 V2 / 339 Z2, Z11 / 339 L1*				339 V1/339 Z1/339 L2*
MAZDA		ATF M-III and ATF M-V				JWS 3320	
MB	236.9*		236.9*		236.21 / 236.24 / 236.25		236.9*
MINITUBISHI		DIAQUEEN ATF-MA1, ATF PA DIAQUEEN SK, SP-II and SP-III		SP-II/SP-III / CVT	SSTF-I	SP-III / CVTF-J1 / J4 / J4+	
NISSAN		MATIC FLUID C, D, J, K, and S		MATIC-D/J/K/CVT		NS-1/NS-2/NS-3	
OPEL/GM		19 40 700 / 767, 21005966 Transaxle, 22 17466, 88900925, 9986195					
SUBARU		ATF, ATF 5AT and ATF HP		ATF Matic J/CVT (ECVTF)		ECVT / ICVT / FG / NS-2	
SUZUKI		ATF 2326		ATF 3317		CVTF / NS-2 / CVT Green 1 & 2	
TOYOTA		ATF D-II, D-III, T-III, T-IV and WS		T-II/T-IV		CVTF TC/CVTF FE	
VOITH	H55.6336xx / 150.014524.xx*		H55.6336 <sup>h</sup>				H55.6335*
VOLVO	97341-073*	CE 97340	Transmission Oil 97341*, AT101		1161838 1161839		97341*
VW		5 HP (ZF 5 HP 30), 5 HP (18 FL, 30), 5 HP (19FL, 24A), G 052 162 (ZF Lifeguardfluid 5) and TL 521 62			TL 052 182/TL 052 529	G 052 516 / G 052 180 A2	
ZF TE-ML	04D / 14C / 16M / 16S / 20C / 25C*	5L, 09, 11A, 11B, 21L	03D/04D / 14B / 17C / 20B/25B*				03D / 04D / 11A / 14A / 17C*

## DIFFERENTIALS

PRODUCT	Navigator FE LL 75W-90	Navigator LL 80W-90	Navigator LL 85W-140	Navigator HQ GL-5 80W-90	Navigator HQ GL-5 85W-140	Navigator GL-5 80W-90 and 85W-140	Navigator HQ GL-5 SAE 90
API	GL-4 / GL-5 / MT-1	GL-5 / MT-1	GL-5 / MT-1	GL-5	GL-5	GL-5	GL-5
ARVIN MERITOR	076-N	076-D	076-A				
DAF	API GL-5 & Transmissions	API GL-5	API GL-5	API GL-5	API GL-5		
IVECO	Axles & Transmissions		Transmissions				Transmissions
MACK	GO-J	GO-J	GO-J				
MAN	341 Z2 / 342 S1*	342 M3 / 341 GA1*		342 M1			342 M1
MB	235.0 [level] / 235.8*	235.20*		235.0*			235.0*
MIL	PRF-2105 E			L-2105 D	L-2105 D		
RENAULT	Axles	Axles		Axles			
SAE	J 2360*	J 2360					
SCANIA	STO 2:0 A FS / STO 1:0*	STO 1:0*	STO 1:0*				
VOITH				Turbo 132.00374400 [formerly 3.325-339]*			
VOLVO	97312*	97310	97310		97310		97310
VW							727
ZF TE-ML	02B / 05A / 12L / 12N / 16F / 17B / 19C / 21A*	05A / 07A / 08 / 12L / 12M / 16B / 17B / 19B / 21A*	05A / 12M / 16D / 21A*	07A / 08 / 16B / 16C / 17B / 19B / 21A*	07A / 08 / 16C / 16D / 21A*		07A / 08 / 16B / 16C / 17B / 19B / 21A*

## LIMITED SLIP DIFFERENTIALS

PRODUCT	Navigator AWD LSD 75W-90	Navigator LSD 80W-90	Navigator LSD 85W-140
API	GL-5	GL-5	GL-5
MIL		L-2105-D	
ZF TE-ML		05C / 07A / 08 / 12C / 21C*	

## OTHER PRODUCTS

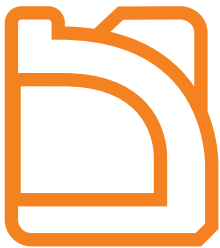
PRODUCT	Navigator GL-1 SAE 140	Navigator GL-1 SAE 250
API	GL-1	GL-1

\*Formal approval

## TRANSMISSIONS FOR CONSTRUCTION MACHINERY

PRODUCT	Navigator TO-4 SAE 10W	Navigator TO-4 SAE 30	Navigator TO-4 SAE 50
ALLISON	C-4	C-4	
API		GL-4/CF	GL-4/CF
CATERPULAR	CAT TO-4	CAT TO-4	CAT TO-4
KOMATSU	KES 07.868.1*	KES 07.868.1*	KES 07.868.1*
ZF TE-ML	03C*	03C/07F*	

## 8. Repsol Lubricant Searcher



Access the **Repsol Lubricant Searcher** and find the perfect lubricant for your vehicle.



Scan this QR code

## 9. Packs

### MANUAL TRANSMISSIONS

PRODUCT	BULK	1000 L CONTAINER	208 L DRUM	20 L DRUM	5 L PACK	4 L PACK	1 L PACK
NAVIGATOR MBT LL 75W-90				✓			
NAVIGATOR FE LL 75W-90		✓	✓	✓			✓
NAVIGATOR LL SAE 40				✓			
NAVIGATOR FE LL 75W-80		✓	✓	✓			✓
NAVIGATOR TRANSAXLE 75W-80	✓			✓			✓
NAVIGATOR GL-4 75W-80			✓	✓			✓
NAVIGATOR GL-4 80W-90						✓	
NAVIGATOR HQ GL-4 SAE 80W			✓		✓		
NAVIGATOR HQ GL-4 75W-90			✓	✓	✓		✓

## AUTOMATIC TRANSMISSIONS

PRODUCT	BULK	1000 L CONTAINER	208 L DRUM	20 L DRUM	5 L PACK	4 L PACK	1 L PACK
AUTOMATOR ATF II		✓	✓	✓	✓		✓
AUTOMATOR ATF III		✓	✓	✓	✓		✓
AUTOMATOR ATF VI				✓			✓
AUTOMATOR CVT		✓		✓	✓		✓
AUTOMATOR ATF DIAFLUID		✓	✓	✓	✓		✓
AUTOMATOR DCT		✓		✓			✓
AUTOMATOR ATF 14C			✓				

## DIFFERENTIALS

PRODUCT	BULK	1000 L CONTAINER	208 L DRUM	20 L DRUM	5 L PACK	4 L PACK	1 L PACK
NAVIGATOR HQ GL-5 SAE 90	✓	✓	✓	✓	✓		
NAVIGATOR FE LL 75W-90		✓	✓	✓			✓
NAVIGATOR LL 80W-90			✓				
NAVIGATOR LL 85W-140		✓	✓				
NAVIGATOR HQ GL-5 80W-90	✓	✓	✓	✓	✓		✓
NAVIGATOR HQ GL-5 85W-140		✓	✓	✓	✓		✓
NAVIGATOR GL-5 80W-90			✓	✓			✓

## LIMITED SLIP DIFFERENTIALS

PRODUCT	BULK	1000 L CONTAINER	208 L DRUM	20 L DRUM	5 L PACK	4 L PACK	1 L PACK
NAVIGATOR LSD 80W-90			✓	✓	✓		
NAVIGATOR AWD LSD 75W-90							✓
NAVIGATOR LSD 85W-140							✓

## OTHER PRODUCTS

PRODUCT	BULK	1000 L CONTAINER	208 L DRUM	20 L DRUM	5 L PACK	4 L PACK	1 L PACK
NAVIGATOR GL-1 SAE 140				✓			
NAVIGATOR GL-1 SAE 250				✓			

## TRANSMISSIONS FOR CONSTRUCTION MACHINERY

PRODUCT	BULK	1000 L CONTAINER	208 L DRUM	20 L DRUM	5 L PACK	4 L PACK	1 L PACK
NAVIGATOR TO-4 SAE 10W		✓	✓	✓			
NAVIGATOR TO-4 SAE 30		✓	✓	✓			
NAVIGATOR TO-4 SAE 50	✓	✓	✓	✓			

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