Gearboxes and Transmissions
Lubricants Catalogue
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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.

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.

<table>
<thead>
<tr>
<th>QUALITY LEVELS, APPROVALS AND RECOMMENDATIONS</th>
<th>API GL-4</th>
<th>MAN 341 TYPE MB</th>
<th>MB-APPROVAL 235.11*</th>
</tr>
</thead>
</table>

**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 [FD, 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.

<table>
<thead>
<tr>
<th>QUALITY LEVELS, APPROVALS AND RECOMMENDATIONS</th>
<th>API MT-1</th>
<th>EATON PS-386*</th>
<th>MACK TO-A PLUS</th>
<th>MERITOR D-81</th>
<th>NAVISTAR MPAPS B-6816 TYPE II</th>
</tr>
</thead>
</table>

**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.

<table>
<thead>
<tr>
<th>QUALITY LEVELS, APPROVALS AND RECOMMENDATIONS</th>
<th>API GL-4</th>
<th>DAF TRANSMISSIONS</th>
<th>IVECO TRANSMISSIONS</th>
<th>MAN 341 Z-4*</th>
<th>MAN 341 E-3 [obsolete]</th>
<th>RENAULT [80032/2 ANNEX 3]</th>
<th>VOLVO 97305</th>
<th>ZF TE-ML 01L/02L/08/16K*</th>
</tr>
</thead>
<tbody>
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<td></td>
<td></td>
<td></td>
<td>*Formal approval</td>
</tr>
</tbody>
</table>
**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**

<table>
<thead>
<tr>
<th>Quality Levels</th>
<th>Approvals and Recommendations</th>
</tr>
</thead>
<tbody>
<tr>
<td>API GL-4/GL-5/MT-1</td>
<td>DAF API GL-5 &amp; TRANSMISSIONS</td>
</tr>
<tr>
<td></td>
<td>IVECO AXLES &amp; TRANSMISSIONS</td>
</tr>
<tr>
<td></td>
<td>MACK GD-J</td>
</tr>
<tr>
<td></td>
<td>MAN 341 Z2, 342 S1*</td>
</tr>
<tr>
<td></td>
<td>(Old MAN 3343)</td>
</tr>
<tr>
<td></td>
<td>MB 235.0</td>
</tr>
<tr>
<td></td>
<td>MB-APPROVAL 235.8*</td>
</tr>
<tr>
<td></td>
<td>MIL-PRF-210SE</td>
</tr>
<tr>
<td></td>
<td>ZF TE-ML 02B/05A/12L/12N</td>
</tr>
<tr>
<td></td>
<td>RENAULT AXLES</td>
</tr>
<tr>
<td></td>
<td>SAE J 2360*</td>
</tr>
<tr>
<td></td>
<td>SCANIA STD 2.0 A FS/STD 1.0*</td>
</tr>
<tr>
<td></td>
<td>VOLVO 97312*</td>
</tr>
<tr>
<td></td>
<td>PSA B71 2330</td>
</tr>
<tr>
<td></td>
<td>TRANSELF NFJ, NFP</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>Quality Levels</th>
</tr>
</thead>
<tbody>
<tr>
<td>API GL-4</td>
</tr>
<tr>
<td>BMW MTF LT-2</td>
</tr>
<tr>
<td>FIAT MZ6</td>
</tr>
<tr>
<td>GM 1940764, 1940768</td>
</tr>
<tr>
<td>HONDA MTF, MTF-II, MTF-III</td>
</tr>
<tr>
<td>NISSAN MT-XZ</td>
</tr>
<tr>
<td>PSA B71 2330</td>
</tr>
<tr>
<td>TRANSELF TRJ, TRT, TRZ</td>
</tr>
<tr>
<td>VOLVO 97308, 97309</td>
</tr>
<tr>
<td>VW G 009 317</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>Quality Levels</th>
</tr>
</thead>
<tbody>
<tr>
<td>API GL-4</td>
</tr>
</tbody>
</table>
Navigator HQ GL-4 SAE 80W

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

<table>
<thead>
<tr>
<th>QUALITY LEVELS, APPROVALS AND RECOMMENDATIONS</th>
<th>API GL-4</th>
<th>MB 235.1*</th>
<th>ZF TE-ML 08/17A*</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAF TRANSMISSIONS</td>
<td>IVECO 18-1807 MG52</td>
<td>RENAULT TRANSMISSIONS</td>
<td>VW 726</td>
</tr>
<tr>
<td>ISUZU -90</td>
<td>NAVIGATOR HQ GL-4 75W-90</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>QUALITY LEVELS</th>
</tr>
</thead>
<tbody>
<tr>
<td>API GL-4</td>
</tr>
<tr>
<td>DAF TRANSMISSIONS</td>
</tr>
<tr>
<td>IVECO TRANSMISSIONS</td>
</tr>
<tr>
<td>MIL-L-2105</td>
</tr>
<tr>
<td>ZF TE-ML 08</td>
</tr>
</tbody>
</table>
3. Automatic transmissions

3.1. Passenger car transmissions

Automator ATF VI

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.

QUALITY LEVELS, APPROVALS AND RECOMMENDATIONS

AISIN WARNER JWS 3309 (T-IV) & 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 MS, XT-9-QMM6]
FORD MERCON LV
FORD WSS-M2C-938-A / XT-10 QLV
GM DEXRON VI*
HONDA ATF-21 [except in CVTS]
HONDA DW-1
HYUNDAI/KIA SP-III, SP-IV
HYUNDAI/KIA SP-IV M (SP4-M)

HYUNDAI/KIA SP-IV-RR
ISUZU BESCO ATF-II, ATF-III, ATF SP
JAGUAR ATF 3403-M015
JAGUAR ATF LT71141, ZF SHP24
JAGUAR ATF 3403, JLM20238
JASO M315 IA-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 21005666 TRANSAKLE
OPEL/GM 22 17466
OPEL/GM 88900925
OPEL/GM 9968195
PEUGEOT/CITROEN (PSA) AL4
PEUGEOT ZF 4HP20
AUTOMATIC GEARBOX OIL (#9730.AE)
PORSCHE ATF 3403-M015,
PORSCHE T-IV (JWS 3309)
PORSCHE ZF SHP19FL, ZF SHP20, LT71141
SAAB 93 165 147
SAAB T-IV (JWS 3309)
SUBARU ATF SAT
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 SHP [18FL, 30]
VW SHP [19FL, 24A]
VW SHP [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 B]
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

Automator DCT

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.

QUALITY LEVELS

BMW 83 22 2 148 578 / 83 22 2 148
579 / 83 22 0 440 214 / 83 22 2 147 477

FORD WSS-M2C-936-A
MB 236.21 / 236.24 / 236.25
MITSUBISHI SSTF-I
PSA 9734.52

PORSCHE 999.917.080.00
VOLVO 1161838, 1161839
VW TL 052 182 / TL 052 529
### 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**

- 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

### 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 VI/ Z3/ Z12*
- MB 236.9*
- MB APPROVAL 636.9
- VOITH H55.6336
- VOLVO 97341*
- ZF TE-ML 03D/04D/14B/17C/20B/25B
- T-II/T-IV

*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.

<table>
<thead>
<tr>
<th>QUALITY LEVELS, APPROVALS AND RECOMMENDATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALLISON C-4</td>
</tr>
<tr>
<td>TES 295, TES 389</td>
</tr>
<tr>
<td>FORD MERCON</td>
</tr>
<tr>
<td>V</td>
</tr>
<tr>
<td>GM DEXRON III H</td>
</tr>
<tr>
<td>MB 236.9*</td>
</tr>
<tr>
<td>VOITH 55.6336*</td>
</tr>
<tr>
<td>VOLVO TRANSMISSION OIL 97341*, AT101</td>
</tr>
<tr>
<td>ZF TE-ML 03D/04D/14B/17C/20B/25B*</td>
</tr>
<tr>
<td>*Formal approval</td>
</tr>
</tbody>
</table>

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**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.

<table>
<thead>
<tr>
<th>QUALITY LEVELS, APPROVALS AND RECOMMENDATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALLISON C-4</td>
</tr>
<tr>
<td>FORD MERCON</td>
</tr>
<tr>
<td>GM DEXRON II D</td>
</tr>
<tr>
<td>MAN 339 V-1/339 Z-1/339 L-2*</td>
</tr>
<tr>
<td>MB 236.9*</td>
</tr>
<tr>
<td>VOITH H55.6335*</td>
</tr>
<tr>
<td>VOLVO 97341*</td>
</tr>
<tr>
<td>ZF TE-ML 03D/04D/14A/17C/20A/25B*</td>
</tr>
<tr>
<td>*Formal approval</td>
</tr>
</tbody>
</table>
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-5/MT-1 | 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 | 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 | 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.

<table>
<thead>
<tr>
<th>QUALITY LEVELS, APPROVALS AND RECOMMENDATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>API GL-5</td>
</tr>
<tr>
<td>DAF API GL-5</td>
</tr>
<tr>
<td>MAN 342 M1</td>
</tr>
<tr>
<td>MB 235.0*</td>
</tr>
<tr>
<td>MIL-L-2105 D</td>
</tr>
<tr>
<td>RENAULT AXLES</td>
</tr>
<tr>
<td>VOLVO 97310</td>
</tr>
<tr>
<td>ZF TE-ML 07A/08/16C/17B/19B/21A*</td>
</tr>
</tbody>
</table>

*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.

<table>
<thead>
<tr>
<th>QUALITY LEVELS, APPROVALS AND RECOMMENDATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>API GL-5</td>
</tr>
<tr>
<td>DAF API GL-5</td>
</tr>
<tr>
<td>MIL-L-2105 D</td>
</tr>
<tr>
<td>VOLVO 97310</td>
</tr>
<tr>
<td>ZF TE-ML 07A/08/16C/17B/19B/21A*</td>
</tr>
</tbody>
</table>

*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.

<table>
<thead>
<tr>
<th>QUALITY LEVELS</th>
</tr>
</thead>
<tbody>
<tr>
<td>API GL-5</td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>QUALITY LEVELS, APPROVALS AND RECOMMENDATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>API GL-5</td>
</tr>
<tr>
<td>MAN 342 M1</td>
</tr>
<tr>
<td>MB 235.0*</td>
</tr>
<tr>
<td>VOLVO 97310</td>
</tr>
<tr>
<td>VW 727</td>
</tr>
<tr>
<td>ZF TE ML-05A/07A/08/16C/17B/19B/21A*</td>
</tr>
</tbody>
</table>

*Formal approval
### 4.1 Limited slip differentials

<table>
<thead>
<tr>
<th><strong>Navigator AWD LSD 75W-90</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
<tr>
<td><strong>QUALITY LEVELS, APPROVALS AND RECOMMENDATIONS</strong></td>
</tr>
<tr>
<td>API GL-5, LSD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Navigator LSD 80W-90 and 85W-140</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
<tr>
<td><strong>QUALITY LEVELS, APPROVALS AND RECOMMENDATIONS</strong></td>
</tr>
<tr>
<td>API GL-5</td>
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<tr>
<td>ZF TE-ML 05C/07A/08/12C/21C [80W-90]*</td>
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*Formal approval
### 5. Other products

**Navigator GL-1 SAE 140 and 250**

<table>
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<tr>
<th>QUALITY LEVELS</th>
<th>API GL-1</th>
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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.
### 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].

<table>
<thead>
<tr>
<th>QUALITY LEVELS, APPROVALS AND RECOMMENDATIONS</th>
<th>ALLISON C-4</th>
<th>CATERPILLAR TO-4</th>
<th>KOMATSU KES 07.868.1*</th>
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<tr>
<td>ZF TE-ML 03C, APPROVAL ZF003469*</td>
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<td>*Formal approval</td>
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### 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].

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<th>API GL-4</th>
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<td>*Formal approval</td>
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### 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].

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<th>API GL-4</th>
<th>CATERPILLAR TO-4</th>
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## 7. Quality specifications

### MANUAL TRANSMISSIONS

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<th>Navigator FE LL 75W-90</th>
<th>Navigator LL SAE 40</th>
<th>Navigator FE LL 75W-80</th>
<th>Navigator Transaxle 75W-80</th>
<th>Navigator GL-4 75W-80</th>
<th>Navigator GL-4 80W-90</th>
<th>Navigator HQ GL-4 SAE 80W</th>
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*Formal approval
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### DIFFERENTIALS

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### LIMITED SLIP DIFFERENTIALS

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### OTHER PRODUCTS

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*Formal approval
8. Repsol Lubricant Searcher

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

9. Packs

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<th>PRODUCT</th>
<th>BULK</th>
<th>1000 L CONTAINER</th>
<th>208 L DRUM</th>
<th>20 L DRUM</th>
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### LIMITED SLIP DIFFERENTIALS

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### OTHER PRODUCTS

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### TRANSMISSIONS FOR CONSTRUCTION MACHINERY

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