Heavy Duty Vehicles
Lubricants Catalogue

REPSOL

Let's invent the future

Index

- Lubricants at the forefront of innovation 4
- New packaging 6
- Giant Range 8
- 9000 Serie 10
- 7000 and 5000 Series 11
- 3000 and 1000 Series 12
- Specifications and approvals 14
- Packaging 17
- Equivalents 18
- Innovation and technology 20
- Production 22
- Lubricants search engine 22
- Commercial offices 23

Lubricants at the forefront of innovation

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.

The Repsol Commitment 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.

In order to provide our customers with the best products suited to their needs, we have restructured our heavy vehicle lubricants portfolio into a single codified range to make their selection easier.

One product range that facilitate the choice of the lubricant that best suits your needs

Discover our **new packaging**

Maximum precision in pouring the oil

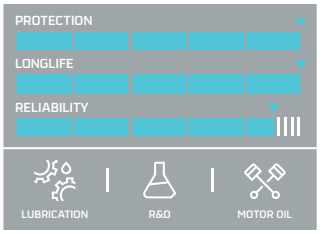
The design of our lids allows more efficient pouring of the oil by preventing losses due to splashing.

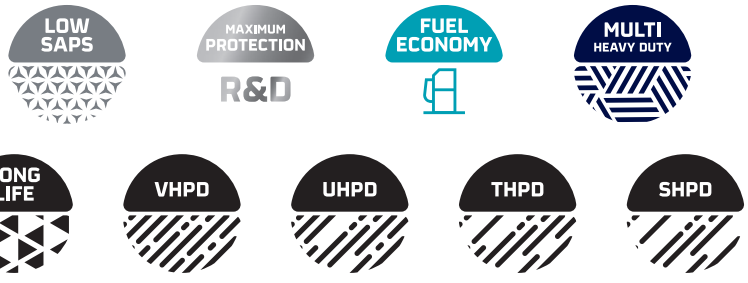
More sustainable packaging

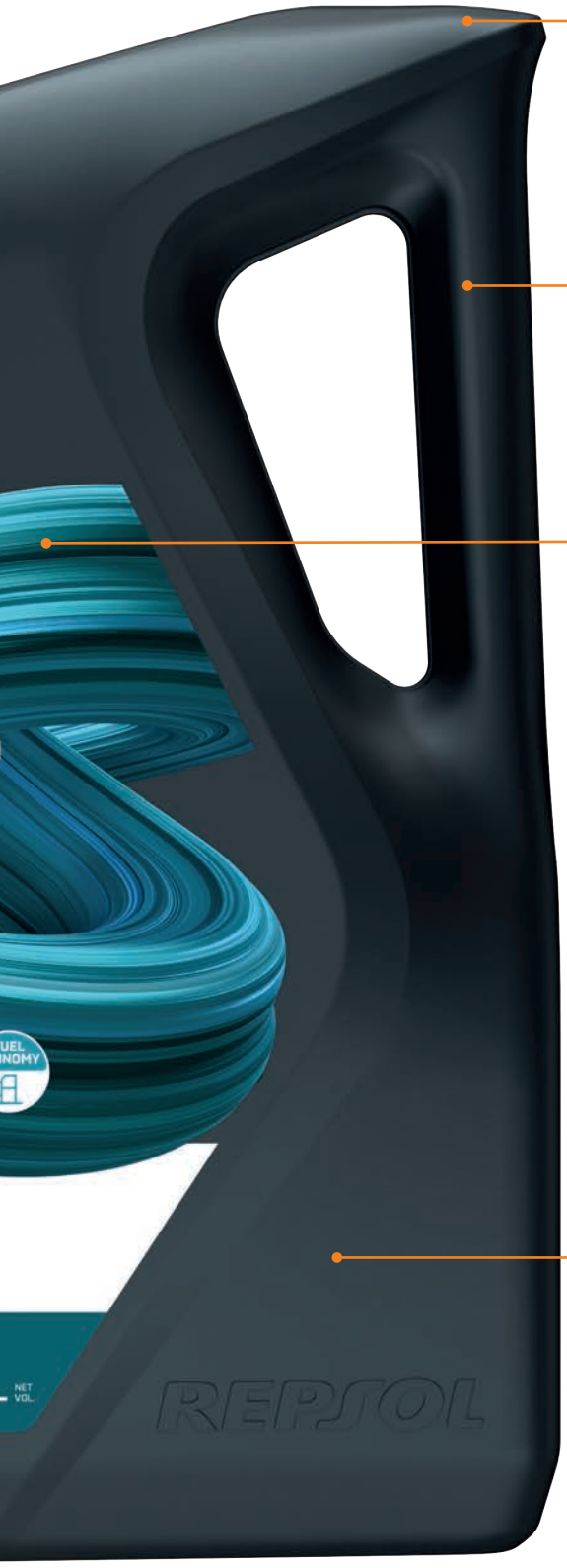
Made with recycled materials. Our recyclable packaging contributes to circularity, minimizes the use of plastic, and contributes to reducing CO_2 emissions.

Product properties

The new seals and icons communicate the benefits and differential properties of each product.







Greater efficiency

The product occupies less space on shelves and in warehouses.

Innovative and ergonomic line

More modern image and lighter packaging whose ergonomics make it easier to use and hold.

Type of product

To facilitate the identification of the product type, we have used color coding.

Fully synthetic

Semi synthetic

Mineral

Product identification

Name of the product and grade of viscosity.

GIANT Range

"We look for the product best suited to our customers' needs"

Only with the experience gained over decades in different industries, we have been able to develop one of the most versatile ranges of **heavy vehicle** lubricants on the market. A single brand with products for different uses designed to empower professionals.

To facilitate the professional's choice, we have assigned the following numerical code:

1st figure	2nd figure	3rd figure
9 High-quality synthetic lubricants, specifically formulated for vehicles requiring approvals from vehicle manufacturers.	**6** EURO VI	Quality order
7 High quality semi-synthetic and mineral lubricants, specifically formulated for vehicles requiring approvals from vehicle manufacturers.	**5** EURO V	
5 Lubricants formulated for vehicles requiring the quality recommended by international organizations, such as ACEA for vehicles from European manufacturers or API for American and Asian manufacturers.	**4** EURO V	
3 Lubricants formulated for vehicles requiring basic API quality and multigrade viscosity.	**0** Non-EURO	
1 Lubricants formulated for vehicles requiring basic API quality and monograde viscosity.		

Quality

Example:

GIANT 9669 = This is a high quality, synthetic product with manufacturers' approvals and Euro VI compliant.

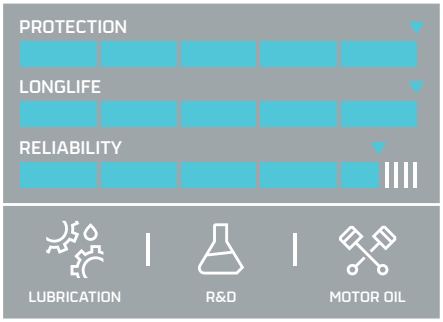
In addition, an acronym code has been incorporated into the name to make the selection process easier:

- LS: Low-SAPS, Low/Medium Ash (ACEA E6, E9)
- FE: Fuel Economy, SAE 30 or less
- LL: Long Life, Extended Drainage Interval, ACEA E6 / E4
- Order: LS first, FE second, LL third

9000 Series

High-quality synthetic lubricants specifically formulated for vehicles requiring approvals from vehicle manufacturers.

CHARACTERISTICS



PROTECTION — Fluids with the highest quality standards that ensure maximum engine protection, incorporating state-of-the-art additives and synthetic base oils of the highest quality.

LONGLIFE — Fluids for longer drain interval.

RELIABILITY — Fluids manufactured according to international standards that ensure optimum lubrication of your engine.

LUBRICATION
Fluids that ensure correct lubrication, even for high-mileage vehicles.

R&D
Designed under the highest quality standards in our product development centers.

MOTOR OIL
Engine lubrication oil..

LOW SAPS

Low saps
Fluids formulated for vehicles with emission control devices.

FUEL ECONOMY

Fuel economy
Fluids with properties that contribute to lower fuel consumption.

LONG LIFE

Long life
Lubricants with extended drain interval, if contemplated by the vehicle manufacturer.

VHPD

VHPD (Very High Performance Diesel)
For EURO VI and EURO V standards vehicles requiring manufacturers' approvals (OEM) and a 100% synthetic oil with long drain interval that provides lower fuel consumption.

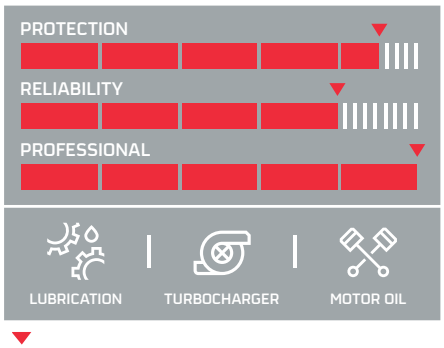
UHPD

UHPD (Ultra High Performance Diesel)
For EURO VI and EURO V standards vehicles requiring manufacturers' approvals (OEM) and a 100% synthetic oil with long drain interval.

7000 and 5000 Series

High quality semi-synthetic and mineral lubricants, specifically formulated for vehicles requiring approvals from vehicle manufacturers.

CHARACTERISTICS



PROTECTION — Fluids with the highest quality standards that ensure maximum engine protection, incorporating state-of-the-art additives and synthetic base oils of the highest quality.

RELIABILITY — Fluids manufactured according to international standards that ensure optimum lubrication of your engine.

PROFESSIONAL — Fluids designed for professional sectors (vehicle fleets, taxis, etc.).

LUBRICATION
Fluids that ensure correct lubrication, even for high-mileage vehicles.

TURBOCHARGER
Lubricants designed for turbocharged engines.

MOTOR OIL
Engine lubrication oil.

THPD (Top High Performance Diesel)
For EURO V and some EURO VI standard vehicles requiring manufacturers' approvals (OEM).

SHPD (Super High Performance Diesel)
For vehicles under the EURO IV standards and previous ones requiring manufacturers' approvals (OEM).

Multi Vehicle
Lubricants recommended for a large variety of vehicles.

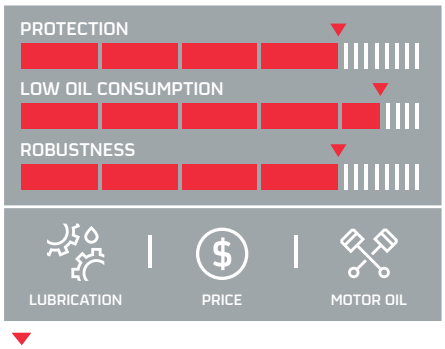
Low saps
Fluids formulated for vehicles with emission control devices.

Maximum Protection R&D
Lubricant approved in several OEMs covering a large part of the available vehicles.

3000 and 1000 Series

Lubricants formulated for vehicles that require basic API quality and multi-grade or monograde viscosity.

CHARACTERISTICS



PROTECTION — Fluids with the highest quality standards that ensure maximum engine protection, incorporating state-of-the-art additives and synthetic base oils of the highest quality.

RELIABILITY — Fluids manufactured according to international standards that ensure optimum lubrication of your engine.

ROBUSTNESS — Fluids especially recommended for severe applications.

LUBRICATION
Fluids that ensure correct lubrication, even for high-mileage vehicles.

PRICE
Maximum value.

MOTOR OIL
Engine lubrication oil.

LOW SAPS

Low saps
Fluids formulated for vehicles with emission control devices

SPECIFICATIONS AND APPROVALS

GIANT RANGE PRODUCTS		TYPE	INTERNATIONAL SPECIFICATIONS		APPROVALS (Vehicle manufacturers)
Product name	Grade of viscosity		API/ILSAC	ACEA	
GIANT 9660 LS-FE-LL	5W-30	Fully synthetic	CK-4	E4/E6/E7/E9	MB 228.52/228.51, MAN 3777/3677/3477/3271-1, VOLVO VDS-4.5/VDS-3/CNG, SCANIA LDF-4, RENAULT RLD-3/RLD-2/ RXD/RGD, MACK EOS-4.5, EO-O Premium Plus/EO-N/EO-M Plus, CUMMINS CES 20086 & 20081, MTU Type 3.1, CAT ECF-3/ECF-2/ECF-1-a, DEUTZ DQC IV-18 LA, DETROIT DFS 93K222, DAF Extended Drain, JASO DH-2
GIANT 9640 LS-FE-LL	5W-30	Fully synthetic		E6/E7H	MB 228.51
GIANT 9550 FE-LL	5W-30	Fully Synthetic		E7/E4	MB 228.5, MAN 3277, VOLVO VDS-3, SCANIA LDF-3, RENAULT RLD-2/RXD, MACK EO-N, DAF Extended Drain, MTU Type 3, DEUTZ DQC IV-10
GIANT 9630 LS-LL	10W-40	Fully Synthetic	CJ-4	E6/E4/E7/E9	MB 228.51/235.28, MAN 3477/3575/3271- 1, VOLVO VDS-4, SCANIA LOW ASH, RENAULT RLD-3, MACK EO-O Premium Plus, Cummins 20081, MTU Type 3.1, CAT ECF-3, Detroit Diesel 93K218, VOITH Class B, JASO DH-2, Deutz DQC IV-10 LA
GIANT 9620 LS-LL	10W-40	Fully Synthetic		E6/E7H	MB 228.51, MAN 3477/3271, Volvo VDS-3, Renault RLD-2, MTU Type 3.1, Deutz DQC IV-10 LA
GIANT 9540 LL	10W-40	Fully Synthetic	CF	E4/E7	MB 228.5, MAN 3277, VOLVO VDS-3, SCANIA LDF-3, RENAULT RLD-2/RXD, MACK EO-N, DAF Extended Drain, MTU Type 3, CUMMINS CES 20072
GIANT 9530 LL	10W-40	Fully Synthetic	CI-4	E4/E7	MB 228.5, MAN 3277/3377, VOLVO VDS-3, RENAULT RLD-2/ RXD, MACK EO-N, MTU Type 3, DEUTZ DQC IV-18
GIANT 7630 LS-FE	10W-30	Semi Synthetic	CK-4/CJ-4/ CI-4/CI-4 Plus	E9/E7	MB 228.31, VOLVO VDS-4.5, RENAULT RLD-3, MTU Type 2.1, CAT ECF-3, MACK EOS-4.5, CUMMINS CES 20086, DETROIT DIESEL DFS 93K222, DEUTZ DQC III-10 LA

GIANT 7630 LS	15W-40	Mineral	CK-4/CJ-4	E7/E9	MB 228.31, MAN 3775, VOLVO VDS-4.5, RENAULT RLD-4, MTU Type 2.1, CAT ECF-3, MACK EOS-4.5, CUMMINS CES 20086, DETROIT DIESEL DFS 93K222, DEUTZ DQC III-10 LA, Ford WSS-M2C171-F1
GIANT 7530	10W-40	Semi Synthetic	CI-4/SL	E7	MB 228.3, MAN 3275-1, VOLVO VDS-3, RENAULT RLD-2/RLD, MACK EO-N, CUMMINS CES 20076/20077, MTU Type 2, CAT ECF-2/ ECF-1-a, DEUTZ DQC III-10, DETROIT DIESEL DDC 93K215
GIANT 7530	15W-40	Mineral	GL4; CI-4/ CH-4/SL	E7/E5	MB 228.3, MAN 3275-1, VOLVO VDS-3, RENAULT RLD-2/RLD, MACK EO-N, CUMMINS CES 20076/20077/20078, CAT ECF-2/ECF-1-a, DEUTZ DQC II-10, DETROIT DIESEL DDC 93K215
GIANT 7410	15W-40	Mineral	CH-4/CG-4/ CF-4/SJ	E5	MB 228.3, MAN 3275-1, VOLVO VDS-2, MACK EO-M, CUMMINS CES 20076, MTU Type 2
GIANT 5510	15W-40	Mineral	CI-4/CH-4/SL	E7	
GIANT 5310	15W-40	Mineral	CH-4/SJ	E5	
GIANT 5010	20W-40	Mineral	CF-4/CE	E2	MB 228.1
GIANT 3060	15W-40	Mineral	CG-4/SH	E2	MB 228.1, MAN 271, VOLVO VDS
GIANT 3020	25W-60	Mineral	CG-4/CF-4/CF	E2	
GIANT 3030	15W-40	Mineral	CF-4/SF		
GIANT 3050	20W-50	Mineral	CF-4/CF/SG	E2	MB 228.1, MAN 271
GIANT 3010	25W-50	Mineral	SF/CF		
GIANT 1020	SAE 10W	Mineral	CF/SF		MB 228.0, CAT TO-2, Allison C-3
GIANT 1020	SAE 30, 40, 50	Mineral	CF/SF	E2	MB 228.0, MAN 270, MTU Type 1, CAT TO-2, ALLISON C-3
GIANT 1040 FC SAE 40-N	SAE 40-N	Mineral	CF/CF-2		GE B30-7A, EMD SD 60 Generación 5
GIANT 1060	SAE 40	Mineral	CF-2/CF/SJ		DETROIT DIESEL Series 149
GIANT 3040 LS	15W-40	Mineral	CF		
GIANT 1030	SAE 40	Mineral	CF		MTU Type 2, Caterpillar Micro-Oxidation Test, MB 228.0, MAN 270
GIANT 1010	SAE 50	Mineral	CD/SD		

PACKAGING

Product name	Grade of viscosity	BULK 1000 L	CONTAINER 208 L	DRUM 20 L	DRUM 5 L	CONTAINER 4 L	CONTAINER 1 L
GIANT 9660 LS-FE-LL	5W-30	✓	✓	✓			
GIANT 9640 LS-FE-LL	5W-30	✓	✓				
GIANT 9550 FE-LL	5W-30	✓	✓	✓	✓		
GIANT 9630 LS-LL	10W-40	✓	✓	✓	✓		
GIANT 9620 LS-LL	10W-40	✓	✓				
GIANT 9540 LL	10W-40	✓	✓	✓	✓		
GIANT 9530 LL	10W-40	✓	✓				
GIANT 7630 LS-FE	10W-30	✓	✓	✓			
GIANT 7630 LS	15W-40	✓	✓	✓	✓		
GIANT 7530	10W-40	✓	✓	✓	✓		
GIANT 7530	15W-40	✓	✓	✓	✓	✓	✓
GIANT 7410	15W-40	✓	✓	✓	✓		
GIANT 5510	15W-40	✓		✓	✓		
GIANT 5310	15W-40	✓	✓	✓	✓		
GIANT 5010	20W-40	✓					
GIANT 3060	15W-40		✓	✓	✓		✓
GIANT 3020	25W-60		✓	✓		✓	✓
GIANT 3030	15W-40	✓	✓	✓	✓	✓	✓
GIANT 3050	20W-50	✓	✓	✓	✓		
GIANT 3010	25W-50		✓	✓		✓	✓
GIANT 1020	SAE 10W		✓	✓			
GIANT 1020	SAE 30	✓	✓	✓	✓		
GIANT 1020	SAE 40	✓	✓	✓	✓		✓
GIANT 1020	SAE 50		✓	✓	✓		
GIANT 1040 FC SAE 40-N	SAE 40		✓	✓			
GIANT 1060	SAE 40		✓				
GIANT 3040 LS	15W-40		✓	✓			
GIANT 1030	SAE 40	✓					
GIANT 1010	SAE 50		✓				

Find out which new products now replace prior ones in this table

To facilitate the transition between the old range and the new one, you can find a list of corresponding products below.

GIANT RANGE

RP DIESEL TURBO VHPD MID SAPS 5W30	GIANT 9660 LS-FE-LL 5W-30
RP DIESEL TURBO VHPD MID SAPS URBAN 5W30	GIANT 9640 LS-FE-LL 5W-30
RP DIESEL TURBO VHPD 5W30	GIANT 9550 FE-LL 5W-30
RP DIESEL TURBO UHPD MID SAPS 10W40	GIANT 9630 LS-LL 10W-40
RP DIESEL TURBO UHPD MID SAPS URBAN 10W40	GIANT 9620 LS-LL 10W-40
RP DIESEL TURBO UHPD 10W40	GIANT 9540 LL 10W-40
RP DIESEL TURBO UHPD URBAN 10W40	GIANT 9530 LL 10W-40
RP DIESEL TURBO THPD MID SAPS 10W30	GIANT 7630 LS-FE 10W-30
RP DIESEL TURBO THPD MID SAPS 15W40	GIANT 7630 LS 15W-40
RP DIESEL TURBO THPD 10W40	GIANT 7530 10W-40
RP DIESEL TURBO THPD 15W40	GIANT 7530 15W-40
RP DIESEL SUPER TURBO SHPD 15W40	GIANT 7410 15W-40
RP TURBOGRADO EXTRA 15W40	GIANT 5510 15W-40
RP TURBOGRADO 15W40	GIANT 5310 15W-40
RP TURBOGRADO 20W40	GIANT 5010 20W-40
RP DIESEL MULTI G 15W40	GIANT 3060 15W-40
RP DIESEL HIGH MILEAGE 25W60	GIANT 3020 25W-60
RP MIXFLEET 15W40	GIANT 3030 15W-40
RP MIXFLEET 20W50	GIANT 3050 20W-50
RP DIESEL MULTITURBO 25W50	GIANT 3010 25W-50
RP DIESEL SERIE 3 SAE 10W	GIANT 1020 SAE 10W
RP DIESEL SERIE 3 30	GIANT 1020 SAE 30
RP DIESEL SERIE 3 40	GIANT 1020 SAE 40
RP DIESEL SERIE 3 50	GIANT 1020 SAE 50
RP SERIE 3 ESPECIAL FC 40-N	GIANT 1040 FC SAE 40-N
RP SERIE 3 DD 40	GIANT 1060 SAE 40
RP GAS LOW ASH 15W40	GIANT 3040 LS 15W-40
RP DIESEL SERIE 3 MT 40	GIANT 1030 SAE 40
RP HD 50 GIANT 1010 SAE 50	GIANT 1010 SAE 50

OLD PRODUCT

NEW PRODUCT

Innovation and technology

At Repsol we have the **best experts** to develop the best products for each vehicle, for today and for the future.

Our technical department develops all products by meeting the highest quality and innovation criteria. We have **three development centers** (Spain, Mexico and Indonesia) equipped with state-of-the-art equipment to test the lubricants required in each market.

Additionally, we have the **Repsol Technology Lab** research center, one of the most cutting-edge private R&D models in the world, where our researchers continuously improve each product, ensuring the highest efficiency and technical quality and minimizing environmental impact.

A lubricant is an essential product to keep engines in optimal conditions and increasingly requires more technology and complexity in its production due to greater environmental and efficiency requirements. For this reason, during the development we **select the best refining processes** when manufacturing our own lubricant base oils. This, together with the use of top quality additives, allows us to offer products **approved by the different car manufacturers,** which are a seal of guarantee, quality, and trust.

Our researchers are attentive to any technological developments that contribute to improving our lubricants even more. The aim: **to increasingly protect the engine** and its moving parts (in automobiles and other machines), to improve its performance and efficiency, and to reduce its environmental impact.

At Repsol we use top quality additives in the formulation of our lubricants

The Repsol Technology Lab is one of the most cutting-edge private R&D models in Spain

Own **R+D**

250 experts
of 18 nationalities

+70 million euros €
invested in 2020

CAPABILITIES
in multiple fields such as:

- Advanced Mobility
- Bio and Low Emissions
- Advanced Mathematics
- Geophysics
- New Materials

The **CORPORATE VENTURING**

fund equipped with
€85 million
investments in 17 startups with disruptive technologies

OPEN INNOVATION

Our open door to innovation in the energy sector

+11 NEW **PATENT FAMILIES**
registered in 2020

+100 INNOVATION INITIATIVES

TECHNOLOGY products
+200 **PARTNERSHIPS**
with collaborators and organizations around the world...

... to **transform the energy sector...**

+ 50.000 m²
dedicated to innovation throughout the world

+20 **SPECIALIZED LABORATORIES**

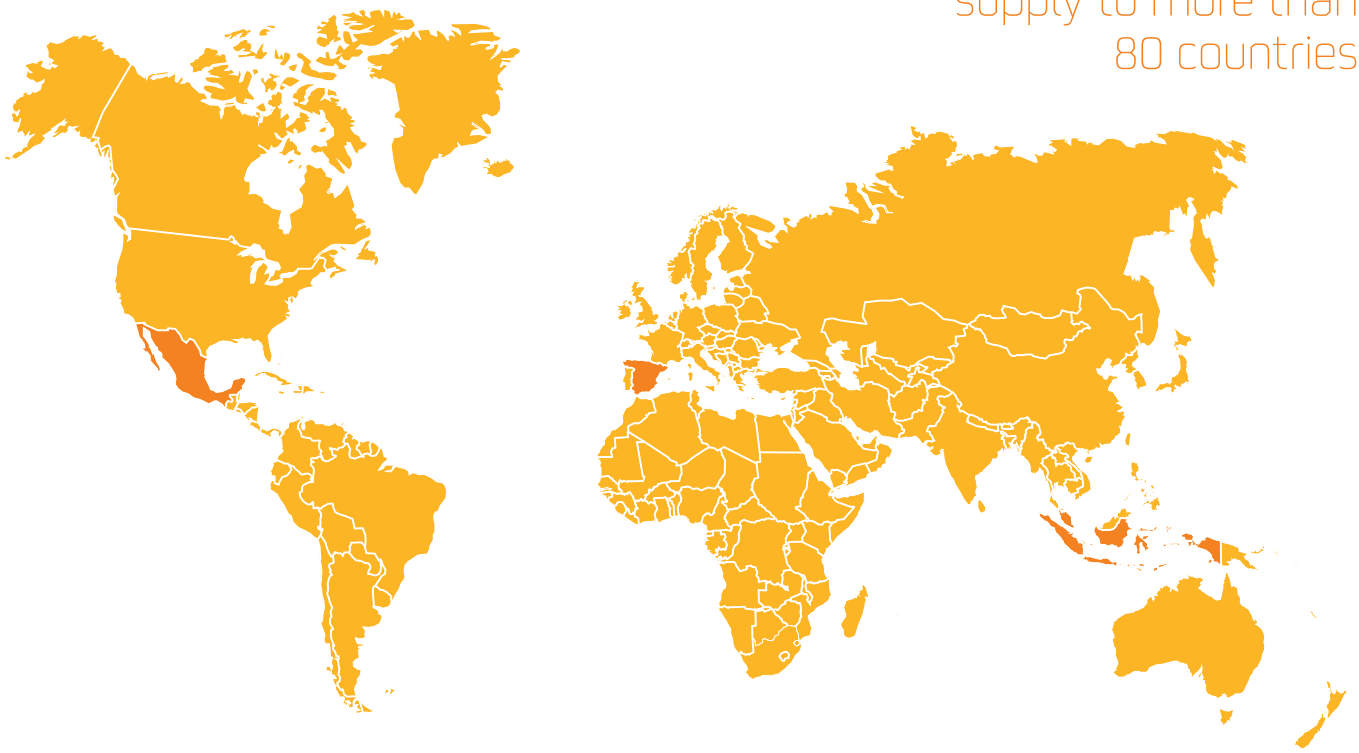
Production

At Repsol we manufacture and package our lubricants in Spain, Mexico, Singapore, Indonesia, and other secondary production centers, which supply lubricants to our customers worldwide.

To increase production supplies, we have acquired shares in the companies Bardahl, with a plant in Mexico, and United Oil Company, with plants in Indonesia and Singapore. These **partnerships** allow us to strengthen our presence in both Latin America and Southeast Asia, granting us new production capacities that enable supply to more than 80 countries.

We also have laboratories that analyze raw materials, intermediate products and, of course, final products before they are retailed so that they meet Repsol's **strictest standards,** regardless of the manufacturing plant.

At Repsol we have lubricant manufacturing and packaging plants all over the world that supply to more than 80 countries



Main producer countries of Repsol lubricants

Repsol Lubricant Searcher

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

Scan this QR code

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REPSOL

Let's invent the future

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