Passenger Cars

Lubricants Catalogue

REPSOL

Let's invent the future

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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.

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.**

4 product ranges that facilitate the choice of the lubricant that best suits your needs

LEADER **ELITE**

With these 4 new Repsol ranges, we present a more ergonomic packaging and a more modern image. It is also more ecological, contributing to circularity through its use of recycled material, and thus reducing its carbon footprint.

We have also changed the name of the products to be more intuitive and understandable. And **we have reduced the number of ranges from 7 to 4** to help the customer choose more easily.

Main characteristics of an automotive lubricant

Quality levels and approvals

The engine oils are made of mineral and/or synthetic bases and quality additives. Both the bases and the additives are selected according to the requirements to be complied with, generally vehicle manufacturing specifications or other international standards (ACEA, API, or ILSAC).

Having the formal approval of vehicle manufacturers is a seal of quality. We are committed to offering the best products to our customers. This is why we have an extensive catalog of approved products.

ACEA

European Automobile Manufacturers' Association. This body issues specifications that gather the minimum qualities needed for lubricants to be used in vehicles of associated brands.

For a passenger vehicle, these specifications are divided into two categories: **A/B** for gasoline and diesel vehicles without particulate filters, and **C** for vehicles with particulate filters.

www.acea.be

API

American Petroleum Institute. The API specifications are made up of two letters; the first indicates if it is a gasoline (**S**) or diesel (**C**) vehicle, and the second follows alphabetical order with later letters corresponding to a newer specification. The newer specifications always equal or exceed the quality of the previous ones. These specifications are particularly relevant outside of Europe.

www.api.org

ILSAC

International Lubricant Specification Advisory Committee. It is made up of the AAMA (American Automobile Manufacturing Association) and the JAMA (Japanese Automobile Manufacturing Association). The ILSAC specifications complement the API standards for gasoline vehicles, implementing minimum levels for **fuel economy.**

Shield

Starbust

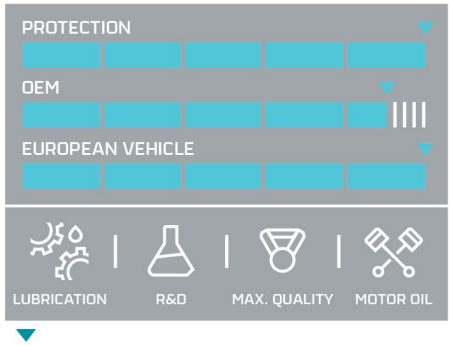
Elite Range

High-quality synthetic lubricants specifically formulated for vehicles that require **vehicle manufacturer approvals,** especially European ones.

To facilitate selection within this range, we distinguish between EVOLUTION products and COSMOS products.

- Evolution products have a **reduced ash content.** Also known as MID SAPS or LOW SAPS, they are formulated with additives that are after-treatment systems-friendly, and are especially important for modern vehicles with diesel particulate filters (DPF) or gasoline particulate filters (GPF) required to meet the latest environmental standards.
- COSMOS encompasses the products in which **there is no limit on the ash content.**

CHARACTERISTICS



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

OEM (ORIGINAL EQUIPMENT MANUFACTURER) — Product range that has official approvals from the main vehicle manufacturers.

EUROPEAN VEHICLE — Product range with quality levels suitable for European vehicles (ACEA).

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

R&D
Designed under the strictest standards at our product development centers.

MAX QUALITY
Lubricants of the highest quality, formulated with state-of-the-art additives and bases

MOTOR OIL
Engine lubrication oil.

Low saps
Fluids formulated for vehicles with emission control devices.

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

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

Multi Vehicle
Lubricants recommended for a large variety of vehicles.

SPECIFICATIONS AND APPROVALS

ELITE RANGE PRODUCTS		TYPE	INTERNATIONAL SPECIFICATIONS		APPROVALS (Vehicle manufacturers)
Product name	Grade of viscosity		API/ILSAC	ACEA	
Elite Competición	5W-40	Fully synthetic	SN/CF	A3/B4	GM-LL-025, MB-APPROVAL 229.3, 226.5, PORSCHE A40, RENAULT RN0710/0700, VW 502.00/505.00
Elite Multiválvulas	10W-40	Fully synthetic	SN/CF	A3/B4	MB-APPROVAL 229.3, 226.5, RENAULT RN0710/0700, VW 501.01/505.00

It is recommended to check the corresponding specification as well as the adequate viscosity grade in your vehicle's maintenance manual.
*Quality level

PACKAGING

PRODUCT	BULK	1000 L CONTAINER	208 L DRUM	60 L DRUM	20 L DRUM	5 L CONTAINER	4 L CONTAINER	1 L CONTAINER
Elite Competición 5W-40								✓
Elite Multiválvulas 10W-40		✓	✓			✓	✓	✓

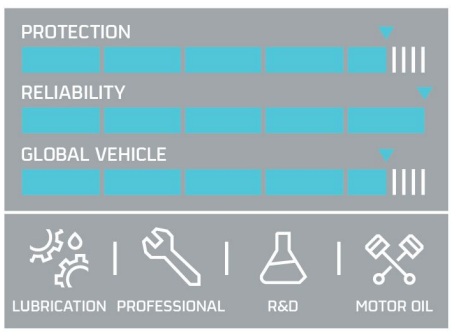
Leader Range

Maximum API and ACEA qualities. Lubricants formulated for vehicles that require the **quality recommended by international agencies** like the ACEA for European vehicle manufacturers or the API for American and Asian vehicle manufacturers.

It includes products such as NEO, with the highest quality available in the API for gasoline engines and ACEA products, valid for gasoline and diesel engines. LEADER is a range designed for you, who seeks the best for your engine, and also for professionals and shops, who demand high-quality products.

It also incorporates AUTOGAS, especially developed for vehicles that work with LPG, NGV, or CNG. It provides these kinds of vehicles with **better lubrication and greater resistance to rust,** thus prolonging the engine's service life. This is necessary given the high operation temperatures of these engines.

CHARACTERISTICS



PROTECTION | Fluids with the highest quality standards that ensure maximum engine protection, incorporating state-of-the-art additives and bases of the highest quality.

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

GLOBAL VEHICLE | Fluids designed for a large variety of European, Asian, and American car models that meet ACEA and/or API standards.

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

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

R&D
Designed under the strictest standards at our product development centers.

MOTOR OIL
Engine lubrication oil.

REPSOL AutoGas

Lubricants designed especially for engines that work with Autogas (LPG, NGV, and CNG).

LOW SAPS

Low saps
Fluids formulated for vehicles with devices.

SPECIFICATIONS AND APPROVALS

LEADER RANGE PRODUCTS		TYPE	INTERNATIONAL SPECIFICATIONS		APPROVALS (Vehicle manufacturers)
Product name	Grade of viscosity		API/ILSAC	ACEA	
Leader Neo	0W-20	Fully synthetic	SP-RC, GF-6A		
Leader Neo	5W-30	Fully synthetic	SP-RC, GF-6A		
Leader Neo	10W-30	Fully synthetic	SP/CF, GF-6A		
Leader Neo	10W-40	Fully synthetic	SP		
Leader Súper	20W-50	Semi synthetic	SL/CF	A3/B4	MB-229.1
Leader A3/B4	10W-40	Fully synthetic	SN/CF	A3/B4	
Leader C2 C3	5W-30	Fully synthetic	SN/CF	C2, C3	
Leader C3	5W-40	Fully synthetic	SN/CF	C3	

PACKAGING

PRODUCT	BULK	1000 L CONTAINER	208 L DRUM	60 L DRUM	20 L DRUM	5 L CONTAINER	4 L CONTAINER	1 L CONTAINER
Leader Neo 0W-20			✓					✓
Leader Neo 5W-30		✓	✓				✓	✓
Leader Neo 10W-30			✓				✓	✓
Leader Neo 10W-40			✓				✓	✓
Leader Súper 20W-50			✓			✓	✓	✓
Leader A3/B4 10W-40		✓	✓	✓		✓	✓	✓
Leader C2 C3 5W-30	✓	✓	✓			✓		✓
Leader C3 5W-40		✓	✓		✓	✓	✓	✓

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 bases. 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

Racing

More than 50 years putting our products to the test

1969
Debut of the Repsol Racing Team. We were pioneers in Spain in creating a professional racing team

1970
Began racing in the most prestigious international competitions

1971
Repsol in Grand Prix motorcycle racing for first time alongside Ángel Nieto

1988
Debut in the 24 Hours of Le Mans

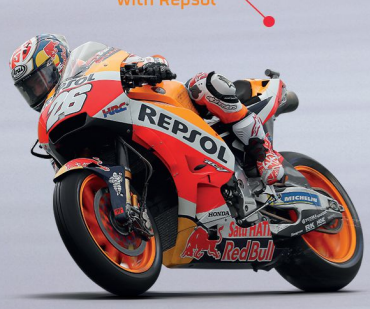
2011
Start of sponsorship in aviation competitions

2019
Marc Márquez wins his 8th Grand Prix motorcycle racing title with Repsol

2020
Toni Bou wins his 28th Trial World Championship

2013
Marc Márquez wins the MotoGP World Championship on his debut, being the youngest rider ever to win it

2018
Dani Pedrosa, "MotoGP legend" after 13 seasons with Repsol



A story that started more than 50 years ago

We were pioneers in Spain in betting on motorsports as the best test bench for our products. By applying the most advanced technology for the development of racing lubricants, we have contributed to a history full of successes.

1990

Repsol wins 1st World Rally Championship with Carlos Sainz and Luis Moya

1995

Repsol Honda Partnership wins 1st 500 cc World Championship title with Mick Doohan

1999

Repsol in Formula 1 with Pedro Martínez de la Rosa

1999

Álex Crivillé wins 500 cc World Championship

2008

Marc Márquez, with the support of Repsol, debuts in Grand Prix motorcycle racing at 15 years of age

2006

Double triumph at the Dakar Rally, in bikes with Marc Coma and cars with Luc Alphand

2004

Laia Sanz and Takahisa Fujinami win the Trial World Championship

2002

Repsol wins 1st MotoGP title with Valentino Rossi

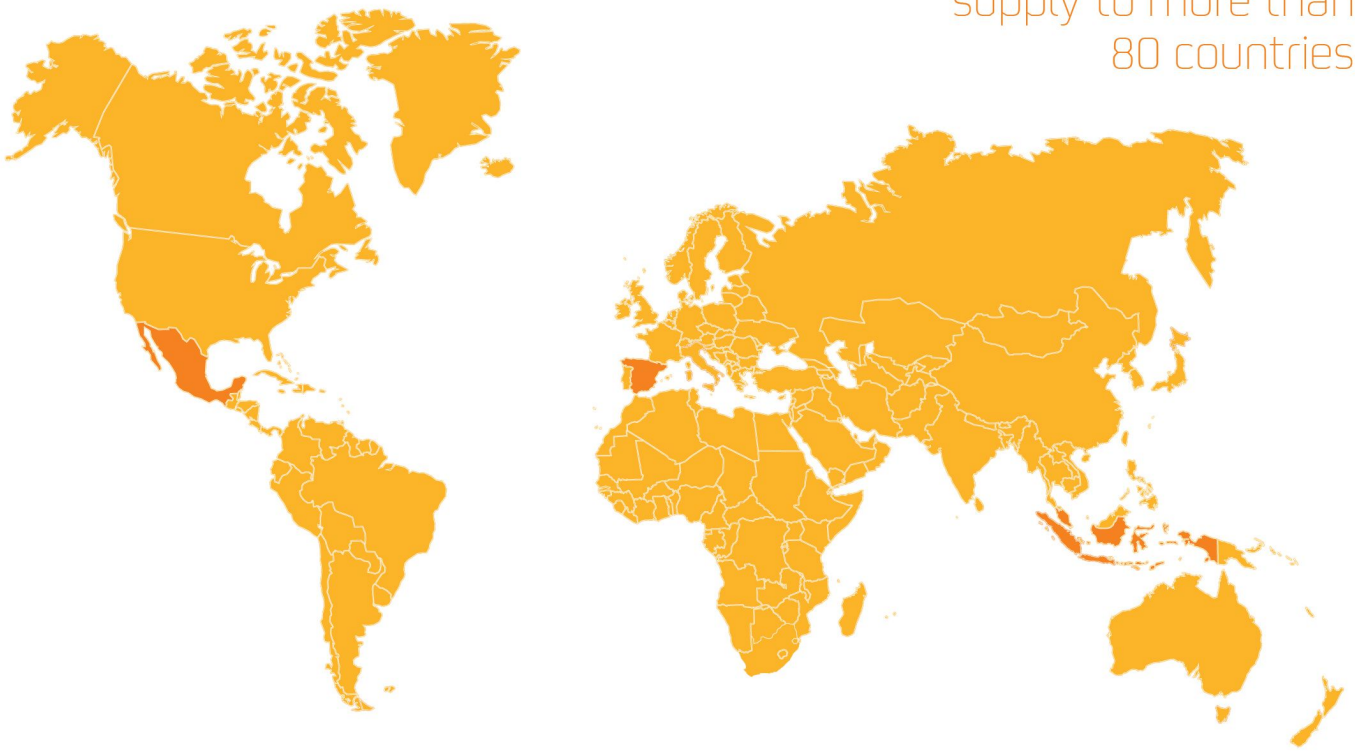
Production

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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