

# TOTAL LUBRICANTS

## INNOVATION, COMPETITION, SATISFACTION

**TOTAL PARTNER OF THE RALLY-WRC WORLD CHAMPIONS,  
PEUGEOT (2001, 2002), CITROËN (2003, 2004, 2005).**

Total and its research teams are developing formulas that meet the demands of carmakers and the latest environmental standards. Total tests its lubricants in the extreme competition conditions in order to meet the most severe requirements of the respective racing teams of Citroën Sport and Peugeot Sport.



### THE FUEL ECONOMY CONCEPT

"Fuel economy" certified lubricants are formulated such as to reduce the internal friction of engine parts, thereby resulting in a clear fuel savings. The optimum fluidity of the TOTAL "Fuel economy" products serves to reinforce the engine's performances while reducing fuel consumption. QUARTZ INEO ECS results in a fuel savings of up to 6% in the starting phase\*, which is the equivalent of at least one fill-up per year.



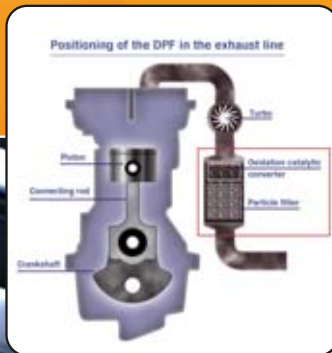
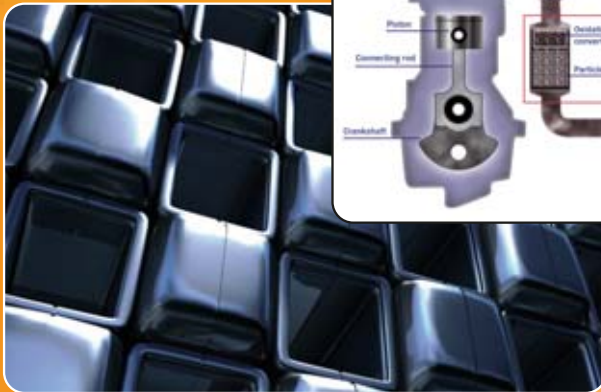
\* Result obtained in comparison with a traditional 15W-40 oil in a Citroën C4 1.6 HDI.

### THE NEW GENERATION OF LOW SAPS OILS

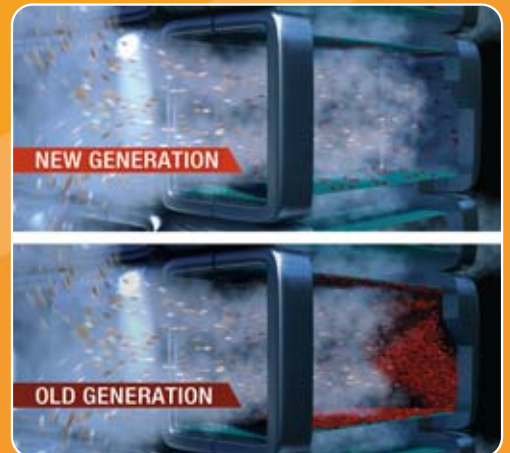
Low SAPS lubricants contain a reduced proportion of sulphated ash, phosphorus and sulphur. Formulated with an all-new generation of additives, the QUARTZ INEO range considerably increases the efficiency of anti-pollution systems, particularly Diesel Particulate Filters (DPF): the content of metallic components is reduced by 50%, which serves to increase the life span and efficiency of the DPF.



DPF cut



**With the launch of  
the QUARTZ INEO range,  
TOTAL confirms its leadership  
in the area of high technological  
content lubricants.**



The metallic components no longer clog the DPF thanks to the new generation of TOTAL Low SAPS oils.



(1) Partner oil of the manufacturer FIA rally world champion since 2001.

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**TOTAL**

# TOTAL LUBRICANT RANGE



**INNOVATIONS  
CREATING  
PERFORMANCES**



You know where to turn

**TOTAL**

# ENGINE OILS

## INNOVATIONS CREATING PERFO



Specifications:  
ACEA C2 and A5/B5  
PEUGEOT and CITROËN



### QUARTZ INEO ECS

Low SAPS technology lubricant with exceptional ecological and economical performances. Fuel Economy certified. Only Low SAPS lubricant recommended by Peugeot and Citroën. It optimises the efficiency and life span of Diesel Particulate Filters (DPF).



Specifications:  
ACEA C3, API SL/CF  
BMW Long Life 04  
MERCEDES-BENZ  
p.229.31

- ☑ FUEL ECONOMY: UP TO 6% IN THE STARTING PHASE\*
- ☑ INCREASED LONGEVITY OF THE DPF\*\*
- ☑ BETTER RESPECT FOR THE ENVIRONMENT
- ☑ EXCELLENT ENGINE PROTECTION AND CLEANLINESS
- ☑ RESISTANCE TO THE MOST SEVERE PEUGEOT AND CITROËN MAINTENANCE CYCLES
- ☑ INCREASED ENGINE POWER FOR GREATER DRIVING ENJOYMENT

Specifications:  
ACEA A3/B4, API SL/CF,  
MERCEDES-BENZ p.229.5  
BMW Long Life 01  
VOLKSWAGEN 502.00/505.00  
GENERAL MOTORS LL-A025/B025  
PEUGEOT and CITROËN



### QUARTZ ENERGY 9000 0W-30

100% synthetic lubricant, universal Homologated by a great number of carmakers, and compliant with the main international standards.

- ☑ IMMEDIATE ENGINE LUBRICATION
- ☑ EASIER STARTING IN EXTREME COLD WEATHER
- ☑ OPTIMUM ENGINE CLEANLINESS AND PROTECTION AGAINST WEAR
- ☑ REDUCTION OF POLLUTING EMISSIONS AND OF FUEL CONSUMPTION
- ☑ EXTENDED DRAIN INTERVALS

Specifications:  
ACEA A5/B5, API SL/CF  
PEUGEOT and  
CITROËN



### QUARTZ FUTUR 9000 5W-30

Synthetic lubricant based on Fuel Economy technology. A very high performance formulation, thanks to superior quality additives and synthetic bases, which is ideal for the most advanced Gasoline and Diesel engines.

- ☑ FUEL ECONOMY
- ☑ QUICK ENGINE LUBRICATION AT LOW TEMPERATURES
- ☑ PROTECTION AGAINST WEAR THANKS TO THE OIL FILM'S RESISTANCE TO VERY HIGH TEMPERATURES

Specifications:  
ACEA A3/B4, API SL/CF  
VOLKSWAGEN 502.00/505.00  
MERCEDES-BENZ p.229.3  
BMW LL 98  
PEUGEOT and CITROËN



### QUARTZ 9000 5W-40

Synthetic technology lubricant designed to be suitable for longer drain intervals and to provide exceptional resistance to oxidation, for both Gasoline and Diesel engines. Engine performance is optimised even when subjected to extreme usage conditions.

- ☑ EXCEPTIONAL PROTECTION OF ENGINE PARTS
- ☑ ENGINE LONGEVITY AND INCREASED OUTPUT
- ☑ LONGER DRAIN INTERVALS
- ☑ SEVERE USAGE CONDITIONS

\* Result obtained in comparison with a traditional oil in a Citroën C4 1.6 HDI

\*\* DPF: Diesel Particulate Filter

# PERFORMANCES



## QUARTZ INEO MC3

Low SAPS technology lubricants specially formulated for vehicles in the BMW and Mercedes-Benz groups. Fully meets the new environmental standards and optimises the DPF\*\*. Satisfies the most severe maintenance plans of carmakers, notably for extended drain intervals.

- ☑ INCREASED LONGEVITY OF THE DPF\*\*
- ☑ BETTER RESPECT FOR THE ENVIRONMENT
- ☑ EXCELLENT ENGINE PROTECTION AND CLEANLINESS
- ☑ EXTENDED DRAIN INTERVALS

Specifications:  
ACEA A3/B4  
VOLKSWAGEN 504.00/507.00



## QUARTZ INEO 504/507

Low SAPS technology lubricant specially formulated for vehicles from the Volkswagen group. Fully meets the new environmental standards and optimises the DPF\*\*. Provides engines with excellent protection against wear and ensures their optimum cleanliness.

- ☑ INCREASED LONGEVITY OF THE DPF\*\*
- ☑ SUITABLE FOR ALMOST ALL VEHICLES IN THE VOLKSWAGEN GROUP
- ☑ BETTER RESPECT FOR THE ENVIRONMENT
- ☑ EXTENDED DRAIN INTERVALS
- ☑ EXCELLENT ENGINE PROTECTION AND CLEANLINESS

Specifications:  
ACEA A2/B2, API SL/CF  
PEUGEOT and CITROËN



## QUARTZ 5000 15W-40

Mineral technology lubricant formulated in order to ensure perfect engine lubrication under normal usage conditions.

- ☑ ENGINE CLEANLINESS
- ☑ INCREASED PROTECTION AGAINST WEAR AND CORROSION
- ☑ NORMAL USAGE CONDITIONS

Specifications:  
ACEA A3/B3, API SL/CF  
VOLKSWAGEN 500.00 (level)  
505.00  
MERCEDES-BENZ p.229.1  
PEUGEOT and CITROËN



## QUARTZ 7000 10W-40

Synthetic base lubricant formulated in order to maintain the engine's original performance. The protection of the parts against wear and corrosion is guaranteed under normal usage conditions.

- ☑ MAXIMUM PROTECTION AS OF STARTING
- ☑ LENGTHENED ENGINE LIFE SPAN THANKS TO THE ANTI-WEAR PROPERTIES
- ☑ NORMAL USAGE CONDITIONS

Specifications:  
ACEA A3/B3  
API SL/CF



## QUARTZ RACING 10W-50

Synthetic technology lubricant developed in order to meet extreme usage conditions during competitions. Perfectly suitable for all direct injection Gasoline and Diesel engines.

- ☑ EXCELLENT RESISTANCE TO VERY HIGH TEMPERATURES
- ☑ GREAT PROTECTION AGAINST WEAR
- ☑ VERY GOOD RESISTANCE TO OXIDATION

# SPECIALITIES

## RANGE

### Transmission oils

#### TRANSMISSION BV 75W-80

Oil specially designed for the lubrication of manual gearboxes.

- ☑ Performances: • Fuel Economy • High thermal stability • Excellent anti-wear, anti-corrosion and anti-rust properties • Optimised gear changing in both hot and cold temperatures
- ☑ Specification: PSA B71 2330



#### TRANSMISSION SYN FE 75W-90

Synthetic oil for manual gearboxes, axles and reduction gears.

- ☑ Performances: • Strengthened extreme pressure and anti-wear properties • Excellent thermal stability • Driving comfort • Fuel economy
- ☑ Specifications: API GL-4 and GL-5



#### FLUIDE ATX

Fluid meeting the DEXRON® IID specification and specially designed to lubricate the automatic gearboxes (MB3) and power steering systems of passenger and utility vehicles.

- ☑ Performances: • Excellent oxidation resistance • Very high viscosity index together with excellent thermal stability
- ☑ Specifications: PSA S71 2102 • Mercedes-Benz p.236.6 • GM DEXRON® IID • BMW groupe 23-3.0 and 24-3.0 • ZF TE-ML 09



#### FLUIDE AT42

Oil formulated for automatic transmissions (MB3, 4HP14, 4HP18).

- ☑ Performances: • Very good thermal stability • Optimum resistance to oxidation
- ☑ Specifications: • PSA • GM DEXRON®III • BMW group 24-3.0 • Mercedes-Benz p.236.1 and p.236-5 • Ford MERCON (1992) • ZF TE-ML 09



#### TRANSMISSION X4 80W-90

Multigrade oil for axles fitted with limited slip differentials, designed for 4-wheel drive passenger and utility vehicles

- ☑ Performances: • Excellent anti-wear, anti-corrosion and anti-rust properties • High thermal stability
- ☑ Specifications: • PSA B71 2375 • API GL-5



### Hydraulic liquid

#### LHM PLUS

Green-coloured mineral fluid designed for the hydraulic systems that operate the power steering, suspension and braking circuits of vehicles such as the CITROËN XM, XANTIA, BX, LIT, GS, DS.

- ☑ Performances: • Excellent lubricating power • Exceptional protection against corrosion • Exceptionally high viscosity index

- ☑ Specification: PSA B71 2710

