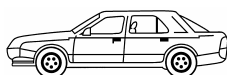


# QUARTZ INEO ECS



**New Low SAPS generation oil especially developed for PEUGEOT AND CITROEN engines. Its very high technology allows fuel savings and optimizes the fonctionnement of the anti-pollution systems, such as the Diesel Particulate Filter.**

## USES

- TOTAL QUARTZ INEO ECS is a lubricant special Fuel Economy of second generation: it can be used for all Diesel engines (former and new generations). It is also appropriate for the majority of the Gasoline engines (consult the maintenance manual of the vehicle before use).
- TOTAL QUARTZ INEO ECS is essential for the correct fonctionnement of the diesel particulate filter, as for the other systems of postprocessing.
- TOTAL QUARTZ INEO ECS satisfies the most severe cycles of maintenance and in the most difficult conditions of use (motorway, intense urban circulation...), all seasons.

## PERFORMANCES

### Specifications

ACEA 2007 C2 & A5/B5

### OEMS homologations

**QUARTZ INEO ECS is the only low SAPS oil recommended by PEUGEOT and CITROEN. It has been tested and approved by PSA Peugeot Citroen according to criteria's much more severe than standard ACEA C2**

PSA PEUGEOT & CITROEN

PSA E05/D05 Niv low SAPS

## CLIENTS BENEFITS

### Increased longevity of the particulate filters

- Reinforces the action of the particulate filter and prolongs its lifespan, by avoiding its early filling (50% less of metal components than traditional technology oil).

### Fuel savings

- Fuel savings: up to 6 % of fuel savings in starting phase, on average 3.5 % of fuel savings in mixed cycle compared to the use of an ACEA reference oil (tests carried out on a Citroen C4 1.6 HDi).

### Respect of the environment

- "ECS\_Emission System Control": reduction of the CO2 emissions and the pollutant emissions. In addition to the beneficial effects on the effectiveness of the diesel particulate filter, the fall of the fuel consumption leads to decrease the CO2 emissions, the low rate of phosphorus reinforces the effectiveness of the catalytic pots, EGR valve is less clogged, thus the Nox emissions can be better controlled.

### Protection and optimal cleanliness of the engine

- Thanks to immediate lubrication, to the detergent and dispersive additivition which ensures a remarkable cleanliness of the engine, QUARTZ INEO ECS has been developed to follow the most severe cycles of maintenance PSA.

## CHARACTERISTICS

TOTAL QUARTZ INEO ECS	Units	SAE grade <b>5W-30</b>
Sulphated ash content	%	0.69
Phosphorus rate	ppm	800
Sulphur rate	% pds	0.25
Volumetric mass at 15°C	kg/m <sup>3</sup>	853,6
Viscosity at 40°C	mm <sup>2</sup> /s	63,48
Viscosity at 100°C	mm <sup>2</sup> /s	10,60
Viscosity index	-	157
Flash point Cleveland	°C	234
Pour point	°C	-36

The values of the characteristics appearing in this table are typical values given as an indication.