

LUBRICANTS - TOTAL recommended oils

Evolutions (year 2004).

CITROËN C2, C3 PLURIEL, DISPATCH and DV6 engines.

Only petrol versions are available.

Normal maintenance interval : 30 000 km (20 000 miles)
Severe maintenance interval : 20 000 km (12 000 miles).

ESSENTIAL: For all vehicles with a 30 000 km (20 000 miles) maintenance interval, use exclusively TOTAL ACTIVA/QUARTZ 7000 or 9000 or any other oils offering identical specifications to these.

These oils offer specifications that are superior to those defined by norms ACEA A3 OR API SJ/CF. Failing this, it is essential to adhere to the maintenance programmes covering severe operating conditions.

Use of oil grade 10W 40.

It is possible to use semi-synthetic oil 7000 10W40 on PETROL and DIESEL vehicles.

WARNING: To avoid problems with starting from cold, use this oil as allowed by the climatic conditions in the country concerned (see table).

For more details see the oil usage table.

New commercial designation for energy economy oil.

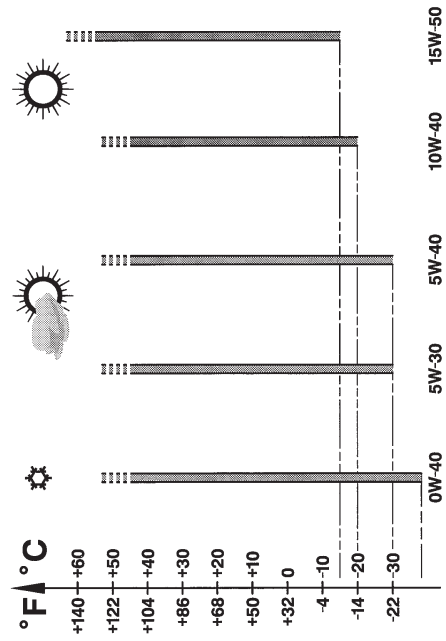
The oil TOTAL ACTIVA/QUARTZ 9000 5W30 becomes TOTAL ACTIVA FUTUR 9000 (for France),

QUARTZ FUTUR 9000 5W30 (outside France).

The usage exclusions for this oil are the same as before:

- XSARA VTS 2.0i 16V (XU10J4RS).
- RELAY 2.8 TDi; 2.8 HDi (SOFIM engine).
- HDI FAP vehicles.
- C3 1.4i 16V HDi (DV4TED4).
- C8 2.2i (EW12J4)

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E4AP006D

Engine oil norms.

Current norms.

The classification of these engine oils is established by the following recognised organisations:

- S.A.E : Society of Automotive Engineers.
- API : American Petroleum Institute.
- ACEA : Association des Constructeurs Européens d'Automobiles

GENERAL

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S.A.E. Norms - Table for selection of engine oil grade Selection of engine oil grades recommended for climatic conditions in countries of distribution

Evolution of the norms as at 01/01/2003

ACEA 2003 norms

The meaning of the first letter has not changed, it still corresponds to the type of engine:

A: petrol and dual fuel petrol / LPG engines.

B: diesel engines.

The figure following the first letter corresponds to the type of oil: .

3: high performance oils.

4: oils specifically for direct injection diesel engines.

5: very high performance oils permitting lower fuel consumption

Example:

ACEA A3: high performance oils specifically for petrol and dual fuel petrol / LPG engines

ACEA A/B: blended oils giving very high performance for all engines, also permitting better fuel economy, specifically for direct injection diesel engines

NOTE: From 01/01/2003 there is no longer any reference to the year of creation of the norm, (Example: **ACEA A3/B3 98** becomes **ACEA A3/B3**).

API norms

The meaning of the first letter has not changed, it still corresponds to the type of engine:

S: petrol and dual fuel petrol / LPG engines.

C: diesel engines.

The second letter corresponds to the degree of evolution of the oil (ascending order).

Example: Norm **SL** is more severe than norm **SJ**, corresponding to a higher level of performance.

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Recommendations.

ESSENTIAL: To preserve engine performances, all engines fitted in CITROËN vehicles must be lubricated with high quality oils (synthetic or semi-synthetic).

CITROËN engines are lubricated at the factory with **TOTAL** oil of grade **S.A.E.5W-30**.
TOTAL oil of grade **S.A.E.5W-30** allows improved fuel economies (approx 2.5%).

The oil **5W30** is used only for the following engines (Year 2003):

- XU10 J4RS : XSARA VTS 2.0i 16V (3-door)
- SOFIM : RELAY 2.8 TDi and 2.8 HDi.
- HDi : With particle filter (FAP).
- DV4 TED4 : CITROËN C3 1.4 16V HDi.
- EW 12J4 : CITROËN C8 2.2i16V HPI.

WARNING: CITROËN engines prior to model year 2000 do not have to be lubricated with oils adhering to the norms: ACEA A1-98 and API SJ/CF EC or current norms ACEA A5/B5

Denomination of **TOTAL** oils according to country of marketing:

TOTAL ACTIVA (France only).

TOTAL QUARTZ (outside France).

LUBRICANTS - TOTAL recommended oils

Recapitulation

Norms to be observed for engine oils (year 2003)			
Year	Types of engine concerned	ACEA norms	API norms
2003	Petrol and dual fuel petrol/ LPG engines	A3 or A5 5 (*)	SJ or SL
	Diesel engines	B3 or B5 (*)	CF

(*) It is essential not to use engine oils respecting these norms for the following engine-types: XU10 J4RS , SOFIM 2.8 TDi and SOFIM 2.8 HDi , HDi with particle filter (FAP), EW 12 J4, DV4 TED4.

Classes and grades of TOTAL recommended engine oils.
Oils marketed in each country are adapted to the local climatic conditions.

Blended oils for all engines (petrol, diesel and dual fuel petrol / LPG engines).		
	S.A.E. norms	ACEA norms
TOTAL ACTIVA 9000	5W40	A3 / B3
TOTAL QUARTZ 9000		
TOTAL ACTIVA FUTUR 9000 (*)	5W30	A5 / B5
TOTAL QUARTZ FUTUR 9000 (*)		
TOTAL ACTIVATRAC	10W40	A3 / B3

(*) Blended oils for all engines, permitting fuel economy.

LUBRICANTS - TOTAL recommended oils			
Oils specifically for petrol and dual fuel petrol / LPG engines			
	S.A.E. norms	ACEA norms	API norms
TOTAL ACTIVA 7000	10W40	A3	SJ
TOTAL QUARTZ 7000	0W40		
TOTAL QUARTZ 9000	15W50		
TOTAL ACTIVA 7000			
TOTAL QUARTZ 7000			
Oils specifically for diesel engines			
	S.A.E. norms	ACEA norms	API norms
TOTAL ACTIVA DIESEL 7000	10W40	B3	CF
TOTAL QUARTZ DIESEL 7000	15W50		
TOTAL ACTIVA DIESEL 7000			

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LUBRICANTS - TOTAL recommended oils						
Oil usage table						
Engine types	TOTAL ACTIVA QUARTZ					
	Synthetic 9000			Semi-synthetic 7000		
	0W/40 cold countries	5W/30	5W/40	10W/40	15W/50 hot countries	
Petrol engines	XU10 J4RS (Xsara VTS 2.0i 16V)		X		X	X
	EW 12 J4 (C8 2.2i 16V)	X		X		X
	Other petrol engines	X		X		X
Diesel engines	HDI engines with FAP (*)			X		X
	Other HDi engines		X		X	X
	SOFIM 2.8 TDi and 2.8 HDi (RELAY)			X		X
	DV4 TED4 (C3 1.4 16V HDi)			X		X
Indirect injection diesel engines		X		X		X

(*) = Particle filter

LUBRICANTS - TOTAL recommended oils

Selection of TOTAL engine oils, to be used according to the climatic conditions in the country where the vehicle is marketed.

Oil Grade	Temperature Range (°C)	Temperature Range (°F)	Icon
0W-40	-30 to +140	-22 to +140	Gear
5W-30	-22 to +104	-14 to +104	Sun with cloud
5W-40	-14 to +86	-4 to +86	Sun with cloud
10W-40	-4 to +50	23 to +50	Sun
15W-50	-14 to +104	-4 to +104	Sun

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LUBRICANTS - TOTAL recommended oils			
ENGINE OILS			
Blended oils for all engines, supplied in bulk			
TOTAL ACTIVRAC	S.A.E. norms: 10W40		
TOTAL ACTIVA		TOTAL ACTIVA DIESEL	
Blended oils for all engines	Oils specifically for petrol and dual-fuel petrol / LPG engines	Oils specifically for diesel engines	
9000 5W40 9000 5W30 (*)	7000 10W40	7000 10 W40 9000 5W40	
9000 5W40	7000 15W50	7000 15W50	
Metropolitan FRANCE New Caledonia Guadeloupe Saint-martin Reunion Martinique Guyana Tahiti Mauritius Mayotte			GENERAL
(*) = Blended oils for all engines, permitting fuel economy			

GENERAL

LUBRICANTS - TOTAL recommended oils			
ENGINE OILS			
EUROPE	TOTAL ACTIVA		TOTAL ACTIVA DIESEL
	Blended oils for all engines	Oils specifically for petrol and dual-fuel petrol / LPG engines	Oils specifically for diesel engines
Germany	9000 5W40 FUTURE 9000 5W30 (*)	7000 10W40 9000 0W40	7000 10W40
Austria		7000 10W40	
Belgium		7000 10W40 9000 0W40	
Bosnia		7000 10W40 9000 0W40	
Bulgaria		7000 10W40	
Cyprus		7000 10W40 9000 15W40	
Croatia		7000 10W40	
(*) = Blended oils for all engines, permitting fuel economy			

LUBRICANTS - TOTAL recommended oils			
ENGINE OILS			
EUROPE	TOTAL ACTIVA		TOTAL ACTIVA DIESEL
	Blended oils for all engines	Oils specifically for petrol and dual-fuel petrol / LPG engines	Oils specifically for diesel engines
Denmark	9000 5W40 FUTURE 9000 5W30 (*)	7000 10W40 9000 0W40	7000 10W40
Spain		7000 10W40 7000 15W40	
Estonia	9000 5W40 FUTURE 9000 5W30 (*)	7000 10W40 9000 0W40	7000 10W40
Finland		7000 10W40	
Great Britain	9000 5W40 FUTURE 9000 5W30 (*)	7000 10W40	7000 10W40
Greece		7000 10W40 7000 15W40	
Holland	9000 5W40 FUTURE 9000 5W30 (*)	7000 10W40 9000 0W40	7000 10W40

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(*) = Blended oils for all engines, permitting fuel economy

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LUBRICANTS - TOTAL recommended oils			
ENGINE OILS			
EUROPE	TOTAL ACTIVA		TOTAL ACTIVA DIESEL
	Blended oils for all engines	Oils specifically for petrol and dual-fuel petrol / LPG engines	Oils specifically for diesel engines
Hungary	9000 5W40 FUTURE 9000 5W30 (*)	7000 10W40 9000 0W40	7000 10W40
Italy			
Ireland		7000 10W40	
Iceland			
Latvia		7000 10W40 9000 0W40	
Lithuania			
Macedonia		7000 10W40	
(*) = Blended oils for all engines, permitting fuel economy			

LUBRICANTS - TOTAL recommended oils			
ENGINE OILS			
EUROPE	TOTAL ACTIVA		TOTAL ACTIVA DIESEL
	Blended oils for all engines	Oils specifically for petrol and dual-fuel petrol / LPG engines	Oils specifically for diesel engines
Malta	9000 5W40 FUTURE 9000 5W30 (*)	7000 10W40	7000 10W40
Moldavia		7000 15W50	
Norway		7000 10W40	
Poland		7000 10W40 9000 0W40	
Portugal		7000 10W40	
Slovakia			
Czech Republic		7000 10W40 9000 0W40	
(*) = Blended oils for all engines, permitting fuel economy			

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LUBRICANTS - TOTAL recommended oils			
ENGINE OILS			
EUROPE	TOTAL ACTIVA		TOTAL ACTIVA DIESEL
	Blended oils for all engines	Oils specifically for petrol and dual-fuel petrol / LPG engines	Oils specifically for diesel engines
Romania	9000 5W40 FUTURE 9000 5W30 (*)	7000 10W40 7000 15W50 9000 0W40	7000 10W40
Russia		7000 10W40 9000 0W40	
Slovenia		7000 10W40	
Sweden		7000 10W40	
Switzerland		7000 10W40	
Turkey		7000 10W40 9000 15W50 9000 0W40	
(*) = Blended oils for all engines, permitting fuel economy			

LUBRICANTS - TOTAL recommended oils			
EUROPE	ENGINE OILS		
	TOTAL ACTIVA		TOTAL ACTIVA DIESEL
	Blended oils for all engines	Oils specifically for petrol and dual-fuel petrol / LPG engines	Oils specifically for diesel engines
Ukraine	9000 5W40 FUTURE 9000 5W30 (*)	7000 10W40 9000 0W40	7000 10W40
Yugoslavia			

(*) = Blended oils for all engines, permitting fuel economy

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LUBRICANTS - TOTAL recommended oils			
ENGINE OILS			
	TOTAL ACTIVA		TOTAL ACTIVA DIESEL
	Blended oils for all engines	Oils specifically for petrol and dual-fuel petrol / LPG engines	Oils specifically for diesel engines
OCEANIA			
Australia New Zealand	9000 5W40 FUTURE 9000 5W30 (*)	7000 10W40	7000 10W40
AFRICA			
Algeria, South Africa, Ivory Coast, Egypt, Gabon, Ghana, Kenya, Madagascar, Morocco, Nigeria, Senegal, Tunisia	9000 5W40	7000 15W50	7000 10W40
(*) = Blended oils for all engines, permitting fuel economy			

LUBRICANTS - TOTAL recommended oils			
CENTRAL AND SOUTH AMERICA	ENGINE OILS		
	TOTAL ACTIVA		
	Blended oils for all engines	Oils specifically for petrol and dual-fuel petrol / LPG engines	TOTAL ACTIVA DIESEL Oils specifically for diesel engines
Argentina	9000 5W40	7000 10W40 7000 15W50	7000 10W40
Brazil			
Chile			
Cuba			
Mexico			
Paraguay			
Uruguay			

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LUBRICANTS - TOTAL recommended oils			
ENGINE OILS			
SOUTH-EAST ASIA	TOTAL ACTIVA		TOTAL ACTIVA DIESEL
	Blended oils for all engines	Oils specifically for petrol and dual-fuel petrol / LPG engines	Oils specifically for diesel engines
China	9000 5W40 FUTURE 9000 5W30 (*)	7000 10W50 7000 15W50	7000 10W40
South Korea		7000 10W40	
Hong Kong		7000 15W50	
India – Indonesia	9000 5W40		
Japan	9000 5W40 FUTURE 9000 5W30 (*)	7000 10W40 7000 15W50	
Malaysia			
Pakistan	9000 5W40	7000 15W50	
(*) = Blended oils for all engines, permitting fuel economy			

LUBRICANTS - TOTAL recommended oils			
SOUTH-EAST ASIA	ENGINE OILS		
	TOTAL ACTIVA	TOTAL ACTIVA DIESEL	
	Blended oils for all engines	Oils specifically for petrol and dual-fuel petrol / LPG engines	Oils specifically for diesel engines
Philippines	9000 5W40	7000 15W50	7000 10W40
Singapore			
Taiwan		7000 10W40 7000 15W50	
Thailand			
Vietnam		7000 15W50	

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LUBRICANTS - TOTAL recommended oils			
MIDDLE EAST	ENGINE OILS		
	TOTAL ACTIVA		
	Blended oils for all engines	Oils specifically for petrol and dual-fuel petrol / LPG engines	TOTAL ACTIVA DIESEL
Saudi Arabia – Bahrain Dubai United Arab Emirates	9000 5W40	7000 15W50	Oils specifically for diesel engines
		7000 10W40 7000 15W50	
Iran		7000 15W50	
Israel – Jordan – Kuwait Lebanon – Oman – Qatar Syria - Yemen			

LUBRICANTS - TOTAL recommended oils

GEARBOX OILS

Manual gearbox and SensoDrive	All countries	TOTAL TRANSMISSION BV Norms S.A.E.: 75W80 Part No.: 9730 A2.
MB3 automatic gearbox		TOTAL FLUIDE ATX
4HP20 and AL4 autoactive automatic gearboxes		TOTAL FLUIDE AT 42 Special oil distributed by CITROËN Part No. : 9730 A3
Transfer box and rear axle		Special oil distributed by CITROËN Part No.: 9736 22
		TOTAL TRANSMISSION X4 Part No.: 9730 A4

LUBRICANTS - TOTAL recommended oils

POWER STEERING OILS

Power steering	All countries	TOTAL FLUIDE ATX
	Very cold countries	TOTAL FLUIDE DAS Special oil distributed by CITROËN Part No.: 9730 A1

ENGINE COOLANT FLUID

All countries	CITROËN fluid Protection: - 35C°	Pack	CITROËN Part No.	
			GLYSANTIN G33	REVKOGEL 2000
		2 Litres	9979 70	9979 72
		5 Litres	9979 71	9979 73
		20 Litres	9979 76	9979 74
		210 Litres	9979 77	9979 75

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LUBRICANTS - TOTAL recommended oils

BRAKE FLUID
Synthetic brake fluid

All countries	CITROËN fluid	Pack	CITROËN Part No.
		0,5 Litre	9979 05
		1 Litre	9979 06
		5 Litres	9979 07

HYDRAULIC CIRCUIT

All countries	Norm	Pack	CITROËN Part No.
TOTAL FLUIDE LDS	Orange	1 Litre	9979 69
TOTAL LHM PLUS	Green		ZCP 830095
TOTAL LHM PLUS Very cold countries			9979 20

WARNING: TOTAL FLUIDE LDS fluid cannot be blended with TOTAL LHM

WARNING: CITROËN C5: Use exclusively TOTAL FLUIDE LDS suspension fluid.

All countries	TOTAL HYDRAURINCAGE
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LUBRICANTS - TOTAL recommended oils

SCREEN WASH FLUID

All countries	Pack		CITROËN Part No.	
	Concentrated: 250 ml	9980 33	ZC 9875 953U	9980 56
Fluid ready for use	1 Litre	9980 06	ZC 9875 784U	
	5 Litres	9980 05	ZC 9885 077U	
			ZC 9875 279U	

GREASE
General use

All countries	TOTAL MULTIS 2	Norms NLGI 2
	TOTAL SMALL MECHANISMS	

Note: **NLGI** = National Lubricating Grease Institute.

GENERAL

ENGINE OIL CONSUMPTION

- I** - Oil consumption depends on:
- the engine type.
 - how run-in or worn it is.
 - the type of oil used.
 - the driving conditions.
- II** - An engine can be considered **RUN-IN** after:
- **3,000 miles** (5,000 km) for a **PETROL** engine.
 - **6,000 miles** (10,000 km) for a **DIESEL** engine.
- III** - **MAXIMUM PERMISSIBLE** oil consumption for a **RUN-IN** engine.
- **0.5 litres** per **600 miles** (1,000 km) for a **PETROL** engine.
 - **1 litre** per **600 miles** (1,000 km) for a **DIESEL** engine.
- DO NOT INTERVENE BELOW THESE VALUES.**
- IV** - **OIL LEVEL:** The level should **NEVER** be above the **MAX.** mark on the dipstick after changing or topping up the oil.
- This excess oil will be used up rapidly.
 - It will reduce the engine output and adversely affect the operation of the air circuits and gas recycling.