

RECOMMENDED CONSUMABLES : 2009 MODEL YEAR

1. Standards in force

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

- S.A.E. : Society of Automotive Engineers
- API : American Petroleum Institute (Ces spécifications relevant d'un organisme de normalisation américaine n'ayant aucune similitude avec les spécifications européennes ACEA sont désormais supprimées de l'ensemble des documents PSA traitant des lubrifiants)
- ACEA : Association des Constructeurs Europeens d'Automobiles

N.B. : En complément de ces normes, PSA Peugeot Citroën a défini une normalisation spécifique des lubrifiants moteurs adaptée à ses produits.

2. S.A.E norms

Préconisation des grades de viscosité des huiles moteurs.

The choice of the various viscosity grades is again linked with a use which conforms to the types of climate defined in the diagram below . For example the use of grade 10W40 is limited to the temperate countries (from - 17 °C to + 37 °C) or to a hot climate.

N.B. : For any other application, the grade must be chosen in line with the climatic zone of the country of use.

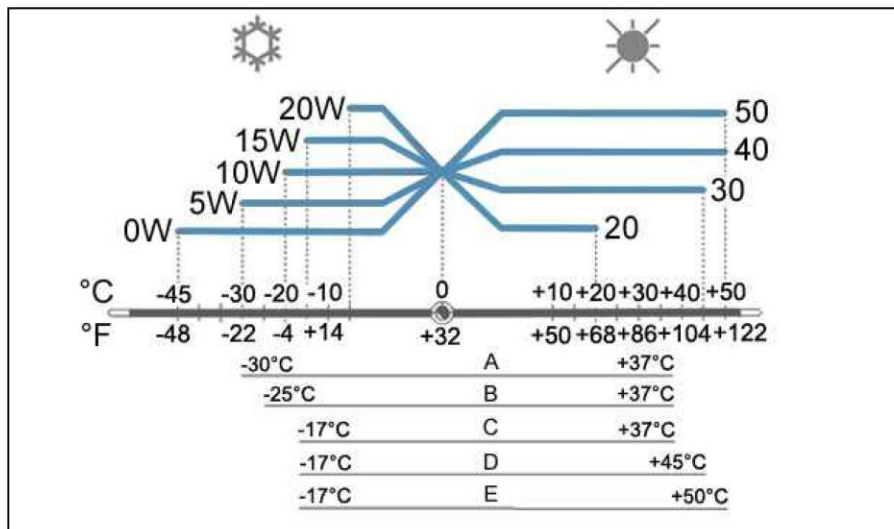


Figure : E4AP00BD

A : Very cold.

B : Cold.

C : Moderate.

D : Hot.
E : Very hot.

3. ACEA standards

3.1. Petrol and diesel mixed oils recommended by PSA Peugeot Citroën

The meaning of the first letter does not change, it always refers to the engine type :

- A = Petrol and petrol/LPG dual fuel engines
- B = Diesel engines

The next figure does change and refers to the following types of oil :

- 2 = Mineral oils
- 3 = High performance oils
- 4 = Oils specific to certain direct injection diesel engines
- 5 = Oils with very high performance, favouring lower fuel consumption

Examples :

- ACEA A3/B4 : Blended oils with very high performance, for all engines, favouring fuel economy
- ACEA A5/B5 : Blended oils with very high performance, for all engines, favouring fuel economy

CAUTION : Since 2004, the ACEA has imposed mixed oils : A2/B2 ; A3/B3 ; A3/B4 ; A5/B5 . Therefore, all lubricants recommended by PSA Peugeot Citroën are mixed ; There are no longer any specific petrol or diesel oils.

3.2. Introduction of low ash content oils (LOW SAPS)

Oils which have a low ash content permit limiting of the ash at the exhaust and therefore contribute to increasing the service life of the particle filter.

The ash content changes from 1,6 % in current oils to 0,8 % in these new oils (maximum authorised values).

N.B. : LOW SAPS (Sulphurated Ash Phosphorus Sulphur).

New ACEA specifications :

- C3 : Moderate ash content
- C2 : Moderate ash content and fuel economy
- C1 : Very low ash content and fuel economy
- C4 : Very low ash content and fuel economy

The "C2" oil is a petrol and diesel mixed oil with fuel economy most particularly suited to engines fitted with a particle filter.

4. PSA Peugeot Citroën norms

Les spécifications minimales ACEA ne satisfont plus à toutes les exigences PSA Peugeot Citroën, et en particulier pour les caractéristiques relatives aux normes Euro 5 suivantes :

- Gain CO2
- Compatibilité avec les biocarburants
- Résistance de l'huile à l'oxydation
- Durabilité du filtre à particules

Ci-dessous le tableau des correspondances à respecter impérativement lors de l'entretien des véhicules de la gamme Peugeot à partir de l'OPR N° 11788.

CAUTION : Respecter les correspondances du tableau ci-dessous, lors de l'entretien des véhicules de la gamme Peugeot à partir du N° OPR 11788.

Type of oil	Grade SAE	PSA Peugeot Citroën norms
Mineral	15 W 40	B71 2295
Semi-synthetic	10 W 40	B71 2294
Synthetic	5 W 40	B71 2296
Synthetic	0 W 30	B71 2296
Emission control synthetic	5 W 30	B71 2290

Pour les appoints d'huile entre deux pas de maintenance, Il est autorisé d'utiliser les huiles de la norme ACEA suivantes :

- A3 / B4 : Motorisations sans FAP
- C2 / C3 : Motorisations avec FAP

5. Lubrifiants répondant aux normes PSA Peugeot Citroën

PSA Peugeot Citroën norms	Grade SAE	Type of oil	Produits répondant aux Normes
B71 2295	15 W 40	Mineral	TOTAL ACTIVA 5000 15W40 TOTAL QUARTZ 5000 15W40
B71 2294	10 W 40	Semi-synthetic	TOTAL ACTIVA 7000 10W40 et 15W50 TOTAL QUARTZ 7000 10W40 et 15W50
B71 2296	5 W 40	Synthetic	TOTAL ACTIVA 9000 ENERGY 0W30 TOTAL QUARTZ 9000 ENERGY 0W30
B71 2296	0 W 30	Synthetic	TOTAL ACTIVA 9000 ENERGY 0W30 TOTAL QUARTZ 9000 ENERGY 0W30
B71 2290	5 W 30	Emission control synthetic	TOTAL ACTIVA INEO ECS TOTAL QUARTZ INEO ECS

6. Recommendations

Utiliser exclusivement l'une des huiles suivantes :

- TOTAL ACTIVA
- TOTAL QUARTZ 7000
- TOTAL QUARTZ 9000
- TOTAL QUARTZ ACTIVA INEO ECS
- Ou toute autre huile répondant aux normes PSA Peugeot Citroën (refer to the restriction tables)

N.B. : These oils have superior characteristics to those defined by the ACEA standard.

Pour les véhicules diesel avec filtre à particules, il est plus particulièrement conseillé d'utiliser l'une des huiles à bas taux de cendres suivantes :

- TOTAL ACTIVA
- TOTAL QUARTZ INEO ECS
- Ou toute autre huile répondant à la norme PSA Peugeot Citroën B71 2290

N.B. : These oils have superior characteristics to those defined by the ACEA C2 standard.

CAUTION : The use of additives in the engine oil is strictly prohibited.

6.1. France (Activa) - EUROPE (QUARTZ.....)

Petrol and diesel engines		
Recommended oil (*)	Description	PSA Peugeot Citroën norms
ACTIVA INEO ECS QUARTZ INEO ECS	Emission control synthetic 5W30	B71 2290
ACTIVA 9000 ENERGY 0W30 QUARTZ 9000 ENERGY 0W30	Synthetic 0W30	B71 2296
ACTIVA 9000 5W40 QUARTZ 9000 5W40	Synthetic 5W40	B71 2296
ACTIVA 7000 10W40 et 15W50 QUARTZ 7000 10W40 et 15W50	Semi-synthetic 10W40 et 15W50	B71 2294
ACTIVA 5000 15W40 (**) QUARTZ 5000 15W40 (**)	Mineral 15W40	B71 2295

(*) : Ou toute autre huile répondant aux normes PSA Peugeot Citroën (**) : For 384F type engine only (3 cylinder petrol engine)

6.2. All countries (Sauf France et Europe)

Petrol and diesel engines		
Recommended oil (*)	Description	ACEA standards
QUARTZ INEO ECS	Emission control synthetic 5W30	C2
QUARTZ 9000 ENERGY 0W30	Synthetic 0W30	A3/B4
QUARTZ 9000 5W40	Synthetic 5W40	A3/B4
QUARTZ 7000 10W40 et 15W50	Semi-synthetic 10W40 et 15W50	A3/B4
QUARTZ 5000 15W40 (**)	Mineral 15W40	A2/B2 (***)

(*) : Or any other oils with equivalent characteristics (**) : For 384F type engine only (3 cylinder petrol engine) (***) : La norme A2/B2 sera progressivement remplacée par la norme A3/B3 courant 2009

7. Restrictions

N.B. : Reading the engine characteristics.

On reception, identify the vehicle by its commercial name.

Read the engine legislative code on the vehicle identification plate consisting of the 3rd, 4th and 5th characters.

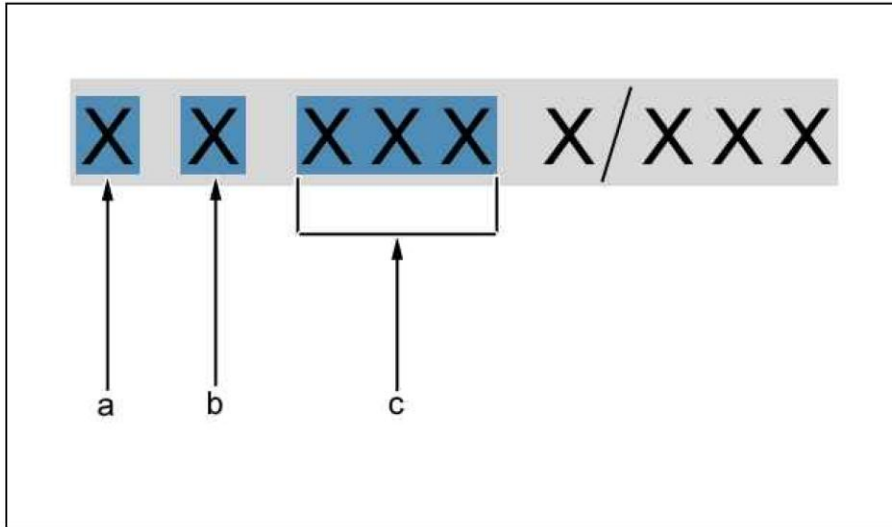


Figure : B1FP06ED

"a" : Vehicle family.

"b" : Body style.

"c" : engine (Legislation type).

With the engine legislative code and the country in which the work is to be carried out, identify the engine oil recommendations.

CAUTION : Category ACEA 5W30 C2 oil must not be used in engines earlier than 2000 (7/99) model year.

N.B. : The restrictions linked with the use of a 15W50 oil are identical to those of use of a 10W40 oil.

7.1. TU/ET engines

Engine type	Engine identification	5W40 oil	10W40 oil	0W30 oil	5W30 oil
TU1	HFX / HFY / HFZ	OK	OK	OK	OK
TU3/ET3	KFW / KFV / K6D / K6E / KFU / K6F / KFX / K6C	OK	OK	OK	OK
TU3A	KFT	OK	OK	OK	OK
TU5	NFV / NFS / NFU / N6A / NFT / N6B / NFR	OK	OK	OK	OK

7.2. EW engines

Engine type	Engine identification	5W40 oil	10W40 oil	0W30 oil	5W30 oil
EW7J4	6FZ	OK	OK	OK	OK
EW7A	6FY	OK	OK	-	-
EW10J4	RFN / RFM / RFP / RFR	OK	OK	OK	OK
EW10A	RFJ / RFH	OK	-	-	-

EW10J4S	RFK	OK	-	-	-
EW12J4	3FZ	OK	OK	-	-
EW12E4	3FY	OK	OK	-	-

7.3. ES engine

Engine type	Engine identification	5W40 oil	10W40 oil	0W30 oil	5W30 oil
ES9J4	XFW / XFZ / XFX	OK	OK	OK	OK
ES9A	XFU / XFV	OK	OK	OK	OK

7.4. XU engine

Engine type	Engine identification	5W40 oil	10W40 oil	0W30 oil	5W30 oil
XU10J4RS	RFS	OK	-	-	-

7.5. TOYOTA engine

Engine type	Engine identification	15W40 oil	5W40 oil	10W40 oil	0W30 oil	5W30 oil
384F	CFA	OK	OK	OK	OK	OK

7.6. MITSUBISHI engine

Engine type	Engine identification	5W40 oil	10W40 oil	0W30 oil	5W30 oil
2.4 MMC	SFZ	OK	OK	OK	OK

7.7. EP engines

Engine type	Engine identification	5W40 oil	10W40 oil	0W30 oil	5W30 oil
EP 3	8FS	-	-	OK	OK
EP 3	8FP	-	-	OK	OK
EP 3	8 FR	-	-	OK	OK
EP 6	5FW	-	-	OK	OK
EP 6	5FP	-	-	OK	OK
EP 6DT	5FX / 5FT	-	-	OK	OK
EP 6DTS	5FY	-	-	OK	OK
EP6C	5FS	-	-	OK	OK
EP 6CDT	5FN	-	-	OK	OK
EP 6CDT	5FV	-	-	OK	OK

7.8. DV engines

Engine type	Engine identification	5W40 oil	10W40 oil	0W30 oil	5W30 oil
DV4TD	8HT / 8HZ / 8HX	OK	OK	OK	OK
DV4TED	8HS	OK	OK	OK	OK
DV4TED4	8HV / 8HY	OK	OK	OK	OK
DV6ATED4 / DV6AUTED4	9HX	OK	OK	OK	OK
DV6TED4	9HY	OK	OK	OK	OK
DV6BTED4 / DV6BUTED4	9HW / 9HT	OK	OK	OK	OK

DV6TED4 with particle filter	9HZ	OK	OK	-	OK
DV6UTED4	9HU	OK	OK	OK	OK
DV6TED4BU with particle filter	9HS	OK	OK	-	OK
DV6TED4B with particle filter	9HV	OK	OK	-	OK
DV6C	9HR	-	-	-	OK
DV6D	9HP	-	-	-	OK

7.9. DW engines

Engine type	Engine identification	5W40 oil	10W40 oil	0W30 oil	5W30 oil
DW10TD	RHY /RHV / RHU	OK	OK	OK	OK
DW10ATED	RHZ	OK	OK	OK	OK
DW10ATED4	RHW	OK	OK	OK	OK
DW10ATED with particle filter	RHS	OK	OK	-	OK
DW10ATED4 with particle filter	RHT/ RHM	OK	OK	-	OK
DW10BTED	RHX	OK	OK	OK	OK
DW10BTED4 with particle filter	RHR / RHL / RHJ	OK	OK	-	OK
DW10BTED4 euro 5 with particle filter	RHF	OK	OK	-	OK
DW10UTED4	RHK	OK	OK	OK	OK
DW10UTED4 with particle filter	RHG	OK	OK	-	OK
DW10CTED4	RHE	-	-	-	OK
DW10CTED4	RHH	-	-	-	OK
DW10CTED4	RHR	-	-	-	OK
DW12BTED4 with particle filter	4HP / 4HR / 4HS / 4HT	OK	OK	-	OK
DW12UTED	4HY	OK	OK	OK	OK
DW12TED4 with particle filter	4HW / 4HX / 4HZ	OK	OK	-	OK
DW12MTED4 with particle filter	4HN	OK	OK	-	OK
DW8	WJZ	OK	OK	OK	OK
DW8B	WJY / WJX	OK	OK	OK	OK

7.10. DT engine

Engine type	Engine identification	5W40 oil	10W40 oil	0W30 oil	5W30 oil
DT17	UHZ	OK	OK	-	OK
DT20	X8Z	-	-	-	OK

7.11. PUMA engines

Engine type	Engine identification	5W40 oil	10W40 oil	0W30 oil	5W30 oil
P22DTE	4HV / 4HU / 4HM	OK	OK	OK	OK

7.12. SOFIM engines

Engine type	Engine identification	5W40 oil	10W40 oil	0W30 oil	5W30 oil

F28DT	8140.43S / 8040.23	OK	OK	OK	OK
F28DTGV	8140.43 N	OK	OK	OK	OK
F30	F1CE0481D	OK	OK	OK	OK

8. Engine oils sold

8.1. All countries (Except : China - Iran)

-	All-purpose mixed oil
Metropolitan France	TOTAL ACTIVRAC S.A.E. standards : 10W40 A3/B4

TOTAL ACTIVA/QUARTZ	TOTAL ACTIVA/QUARTZ diesel
Mixed oils for all engines	Oil specifically for diesel engines
5000 15W40	7000 10W40 et 15W50
7000 10W40 et 15W50	
9000 5W40	
9000 ENERGY 0W30	
INEO ECS 5W30	
INEO ECS 5W30 : Low ash content mixed oils for all engines which reduce fuel consumption and emissions and increase the durability of the particle filter	

8.2. China

TOTAL QUARTZ	TOTAL QUARTZ diesel
Mixed oils for all engines	Oil specifically for diesel engines
INEO ECS 5W30 / 9000 ENERGY 0W30 / 9000 5W40 / 7000 10W40 / 5000 10W40 / 7000 15W50 / 7000 5W30 (petrol only)	7000 10W40 et 15W50 / 5000 15W40
INEO ECS 5W30 : Low ash content mixed oils for all engines which reduce fuel consumption and emissions and increase the durability of the particle filter	

8.3. Iran

TOTAL QUARTZ	TOTAL QUARTZ diesel
Mixed oils for all engines	Oil specifically for diesel engines
INEO ECS 5W-30 / 9000 ENERGY 0W-30 / 9000 5W-40 / 7000 10W-40 / 7000 10W-40	7000 10W-40 et 15W-50 / 5000 15W-40
INEO ECS 5W30 : Low ash content mixed oils for all engines which reduce fuel consumption and emissions and increase the durability of the particle filter	

9. Gearbox oil

Type of gearbox	Country	Type of oil
Manual gearbox and piloted manual gearbox	All countries	TOTAL TRANSMISSION BV 75W80 (Parts reference : 9730 A2)
		Special oil (Parts reference : 9736 41)
MCP piloted gearbox actuator	All countries	Special oil (Parts reference : 9979 A4)

Gearboxes (Type MMT)	All countries	Special oil 75 W (Parts reference : 9730 A8)
MB3 automatic gearbox	All countries	TOTAL FLUIDE AT 42
		Special oil (Parts reference : 9730 A6)
4HP20 and AL4 automatic gearboxes	All countries	Special oil (Parts reference : 9736 22)
AM6 automatic gearbox	All countries	Special oil (Parts reference : 9980 D4)
Transfer box - Rear axle	All countries	TOTAL TRANSMISSION X4 (Parts reference : 9730 A7)

10. Power steering oil

Power assisted steering	Country	Type of oil
All vehicles up to CITROËN C5 and PEUGEOT 307 exclusive (except 206 with electric pump unit)	All countries	TOTAL FLUIDE ATX : Special oil
All vehicles from CITROËN C5 and PEUGEOT 307 (including 206 with electric pump unit)	All countries	TOTAL FLUIDE DA : Special oil
All vehicles	Very cold country	TOTAL FLUIDE DA : Special oil

11. Engine coolant

Country	Container size	GLYSANTIN G33	REVKOGEL 2000	Long duration
All countries	2 litres	Parts reference : 9979 70	Parts reference : 9979 72	Parts reference : 9735 K1
	5 litres	Parts reference : 9979 71	Parts reference : 9979 73	Parts reference : 9735 K0
	20 litres	Parts reference : 9979 76	Parts reference : 9979 74	Parts reference : 9735 J9
	210 litres	Parts reference : 9979 77	Parts reference : 9979 75	Parts reference : 9735 J8
Fluid with protection : - 35° C				

12. Engine coolant (Véhicule coopération)

Country	Vehicle concerned	Topping up	Replacement (*)	Observations
All countries	C1 / 107 petrol 1 litre 5 litres	S-LLCParts reference : 9735 Y5 Parts reference : 9735 Y6	S-LLCParts reference : 9735 Y5 Parts reference : 9735 Y6	L'utilisation de tout autre produit est interdite
	C-Crosser / 4007 petrol 1 litre 5 litres	W936Parts reference : 9735 EA Parts reference : 9735 EC	Refer to section 11	Remplacement du liquide d'origine à 60 000 km ou 4 ans (36000 miles ou 4 ans) (**)

(*) : Après vidange du circuit (**) : Après remplacement du liquide de refroidissement d'origine par l'un des liquides de refroidissement du chapitre 11 ; Le pas d'entretien initial disparaît

13. Brake fluid (Synthetic)

Country	Brake fluid	Container size	Parts reference
All countries	Brake fluid : DOT4	0,5 litre	9979 05 / 4699 34
		1 litre	9979 06
		5 litres	9979 07 / 4699 35

14. Hydraulic circuit

CAUTION : TOTAL FLUIDE LDS oil cannot be mixed with TOTAL LHM PLUS oil.

All countries	Standards	Container size	Parts reference
TOTAL FLUIDE LDS	Orange colour	1 litre	9979 A3
TOTAL LHM PLUS	Green colour	1 litre	9979 A1
TOTAL LHM PLUS Very Cold Climate	Green colour	1 litre	9979 A2

15. Windscreen wash fluid

Country	Container size	Parts reference	Parts reference
All countries	Concentrated : 250 ml	9980 33	9722 E5
	Fluid ready for use : 1 litre	9980 06	9722 F0
	Fluid ready for use : 5 litres	9980 05	9722 F1

16. Greasing

Country	Type	NLGI standards (*)
All countries	TOTAL MULTIS grease 2	2
	TOTAL small mechanisms	-
(*) NLGI : National Lubricating Grease Institute		

17. Additives for particle filter

Eolys DPX 42	Eolys 176
Parts reference : 9736 65 (1 litre can)	Parts reference : 9736 85 (1 litre can)
Parts reference : 9979 95 (5 litre flask)	Parts reference : 9736 86 (3 litre flask)