

# RENAULT

## Technical Note6013A

---

TTY

---

### Engine oils

Basic manual: All MRs

Sub-sections concerned: 04A - 05A - 10A

Edition 7

---

77 11 329 842

JULY 2004

Edition Anglaise

---

"The repair methods given by the manufacturer in this document are based on the technical specifications current when it was prepared.

The methods may be modified as a result of changes introduced by the manufacturer in the production of the various component units and accessories from which his vehicles are constructed."

All copyrights reserved by Renault.

The reproduction or translation in part of whole of the present document, as well as the use of the spare parts reference numbering system, are prohibited without the prior written consent of Renault.

**The following tables show the viscosity levels and grades to be used according to the ambient temperatures during use of the vehicle.**

**Maintenance must be carried out in accordance with the maintenance contract for the vehicle.**

**The service schedule (engine oil changes) requires that careful attention should be paid to the oil level and grades indicated in the attached tables.**

## **WARNING**

**Engines may be seriously damaged if the recommended oils are not used.**

# Engine oils

## Contents

Page

**04A** **LUBRICANTS**

Engine oil: Specifications 04A-1



# LUBRICANTS

## Engine oil: Specifications

# 04A

### I - OIL GRADE FOR VEHICLES WITH A FABRICATION DATE AFTER 01/01/2001:

#### 1 - For EUROPE:

Notes:

- When the grades are listed in the table below, use only one of these grades depending on the average external temperature of the country (see graph below the table).

- When the grade is not listed in the table, please refer to the graph below the table:

RENAULT recommends, for both filling and changing the oil, that **ACEA standard** engine oil is used, in accordance with the table below:

Vehicle	Engine	ACEA standard				
		A3	A5*	B3	B4	C3
TWINGO	C3G	X	X			
	D4D	X	X			
	D4F	X	X			
	D7D	X	X			
	D7F	X	X			
CLIO II	D4D	X	X			
	D4F	X	X			
	D7D	X	X			
	D7F	X	X			
	E7J	X	X			
	RENAULT SPORT F4R	Only 5W40 or 0W40				
	F8Q			X	X	
	F9Q				X	
	K4J	X	X			
	K4M	X	X			
	K7J	X	X			
	K7M	X	X			
K9K				X		

# LUBRICANTS

## Engine oil: Specifications

# 04A

Vehicle	Engine	ACEA standard				
		A3	A5*	B3	B4	C3
CLIO III	D4F	X	X			
	K4J	X	X			
	K4M	X	X			
	M4R	X	X			
	K9K				X	
CLIO V6	L7X	Only 5W40 or 0W40				
MODUS	D4F	X	X			
	K4J	X	X			
	K4M	X	X			
	K9K				X	
MEGANE/ SCENIC	E7F	X	X			
	F3R	X	X			
	F4P	X	X			
	F4R	X	X			
	F5R	X	X			
	F7R	X				
	F8Q			X	X	
	F9Q				X	
	K4J	X	X			
	K4M	X	X			
	K7M	X	X			

# LUBRICANTS

## Engine oil: Specifications

04A

Vehicle	Engine	ACEA standard				
		A3	A5*	B3	B4	C3
MEGANE II/ SCENIC II	F4R	X				
	Turbocharged F4R	X				
	RENAULT SPORT turbocharged F4R	Only 5W40 or 0W40				
	F9Q				X	
	F9Q with particle filter					Only 5W30 or 0W30
	K4J	X	X			
	K4M	X	X			
	K9K				X	
	M9R				X	

# LUBRICANTS

## Engine oil: Specifications

# 04A

Vehicle	Engine	ACEA standard				
		A3	A5*	B3	B4	C3
LAGUNA II	F4P	X	X			
	F4R	X	X			
	Turbocharged F4R	X				
	GT/CEL-SIUM turbocharged F4R	Only 5W40 or 0W40				
	F5R	X	X			
	F9Q				Only 5W40 or 0W40 or 0W30	
	F9Q with particle filter					Only 5W30 or 0W30
	G9T				X	
	G9T with particle filter				Only 5W40 or 0W40 or 0W30	
	K4M	X	X			
	L7X	X	X			
	M9R				X	
M9R with particle filter					Only 5W30 or 0W30	

# LUBRICANTS

## Engine oil: Specifications

# 04A

Vehicle	Engine	ACEA standard				
		A3	A5*	B3	B4	C3
SAFRANE	G8T			X	X	
	J7R	X	X			
	J7T	X	X			
	J8S			X	X	
	L7X	X	X			
	N7Q	X	X			
	N7U	X	X			
	S8U			X	X	
	Z7X	X	X			
VELSATIS	Turbocharged F4R	X				
	G9T				X	
	G9T with particle filter				Only 5W40 or 0W40 or 0W30	
	P9X				Only 5W40 or 0W40 or 0W30	
	V4Y	X	X			



# LUBRICANTS

## Engine oil: Specifications

# 04A

Vehicle	Engine	ACEA standard				
		A3	A5*	B3	B4	C3
ESPACE CLIO III	F3R	X	X			
	F4R	X	X			
	F9Q				X	
	G8T			X	X	
	G9T				X	
	J6R	X	X			
	J7R	X	X			
	J7T	X	X			
	J8S			X	X	
	L7X	X	X			
	Z7W	X	X			
Z7X	X	X				
ESPACE IV	F4R	X	X			
	Turbocharged F4R	X				
	F9Q				Only 5W40 or 0W40 or 0W30	
	G9T				Only 5W40 or 0W40 or 0W30	
	M9R with particle filter					Only 5W30 or 0W30
	P9X				Only 5W40 or 0W40 or 0W30	
V4Y	X	X				

# LUBRICANTS

## Engine oil: Specifications

# 04A

Vehicle	Engine	ACEA standard				
		A3	A5*	B3	B4	C3
AVANTIME	F3R	X	X			
	F4R	X	X			
	Turbocharged F4R	X				
	F9Q				X	
	G8T			X	X	
	G9T				X	
	L7X	X	X			
	Z7X	X	X			
KANGOO	D4D	X	X			
	D4F	X	X			
	D7D	X	X			
	D7F	X	X			
	E7J	X	X			
	F8Q			X	X	
	F9Q				X	
	K4M	X	X			
	K7J	X	X			
	K7M	X	X			
	K9K				X	
	Electric	Only 5W40 or 0W40				
TRAFIC II	F4R	X	X			
	F9Q				X	
	G9U				X	

# LUBRICANTS

## Engine oil: Specifications

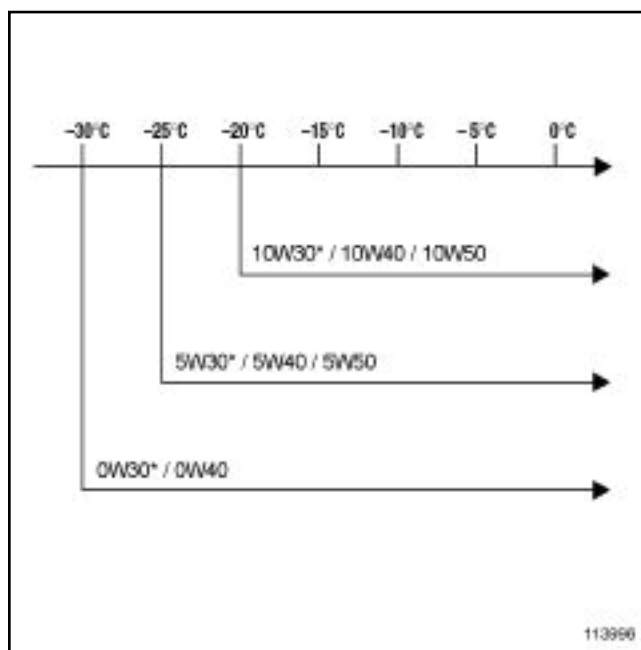
# 04A

Vehicle	Engine	ACEA standard				
		A3	A5*	B3	B4	C3
MASTER	F4R	X	X			
	F9Q				X	
	G9T				X	
	G9U				X	
	J5R	X	X			
	J7T	X	X			
	J8S			X	X	
	S8U			X	X	
	S9U				X	
	S9W				X	
	ZD3				X	
LOGAN	D4D	X	X			
	K4M	X	X			
	K7J	X	X			
	K7M	X	X			
	K9K				X	

\* Oil enabling a reduction in fuel consumption.

### **a - Petrol engine:**

To find out which oil grade to choose, please refer to the graph below:



113996

# LUBRICANTS

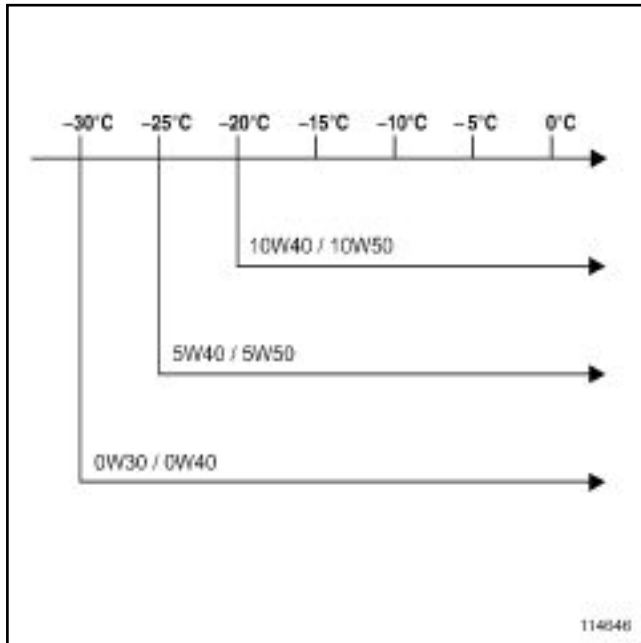
## Engine oil: Specifications

# 04A

\* Except for turbocharged engines, F7P, F7R, RENAULT SPORT F4R, RENAULT SPORT turbocharged F4R and RENAULT SPORT L7X.

### b - DIESEL engine:

To find out which oil grade to choose, please refer to the graph below:



#### Note:

If an engine oil grade is not available or has been discontinued, please refer to the Table of oil interchangeability section.

#### Note:

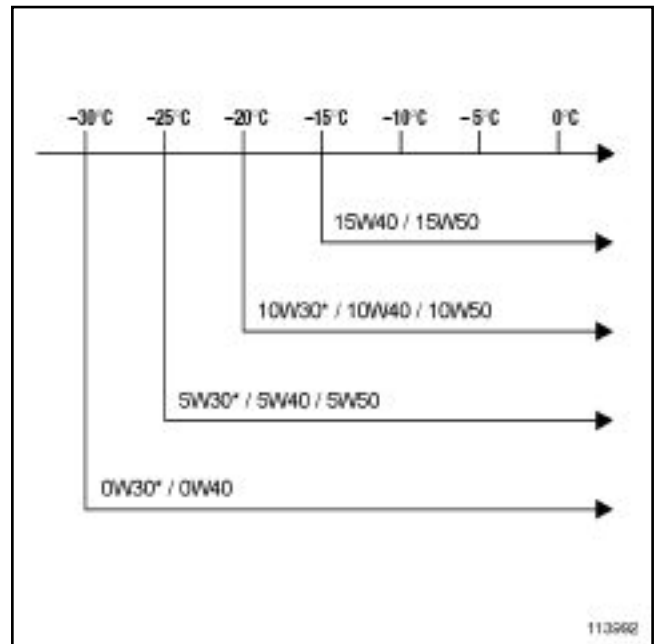
ACEA B1 standard oils should not be used for DIESEL engines under any circumstances.

## 2 - For other countries:

### a - Petrol engine:

RENAULT recommends, for both filling and changing the oil, that **ACEA A1\***, **ACEA A2**, **ACEA A3**, **ACEA A5\*** standard engine oil is used, or if this is not available **API SJ**, **API SL standard** or **API SM**.

To find out which oil grade to choose, please refer to the following graph:



113992

\* Except for turbocharged engines, F7P, F7R, RENAULT SPORT F4R, RENAULT SPORT turbocharged F4R and RENAULT SPORT L7X.

#### - Special cases:

- For RENAULT CLIO SPORT F4R, RENAULT CLIO SPORT L7X, RENAULT MEGANE II SPORT turbocharged F4R, LAGUNA GT/CELSIUM turbocharged F4R, and Electric KANGOO, only use oil which is **ACEA A3 standard** and **5W40 grade** (or **0W40 grade**, depending on the external temperature).

### b - DIESEL engine:

RENAULT recommends, for both filling and changing the oil, that **ACEA B2**, **ACEA B3**, **ACEA B4**, **ACEA C3\*** standard engine oil is used, or if this is not available **API CF standard**.

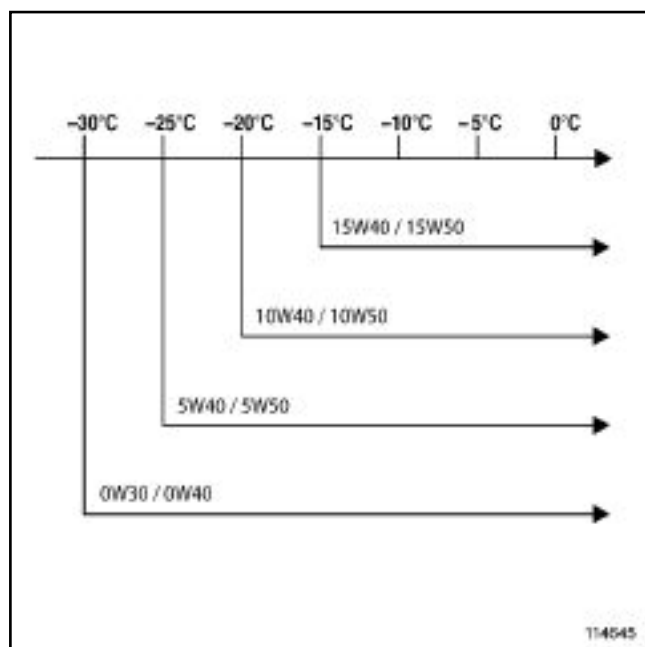
\* **ACEA C3 standard** engine oils can only be used in the following special cases.

To find out which oil grade to choose, please refer to the following graph:

# LUBRICANTS

## Engine oil: Specifications

# 04A



114645

### - Special cases:

- For the LAGUNA II F9Q without particle filter and the G9T with particle filter, ESPACE IV, VELSATIS P9X and G9T with particle filter, only use oil which is **B4 standard** and **5W40 grade** (or **0W30 grade** or **0W40 grade** depending on the external temperature).
- For the MEGANE II F9Q fitted with particle filter, SCENIC II F9Q fitted with particle filter, LAGUNA II F9Q fitted with particle filter, LAGUNA II M9R fitted with particle filter and ESPACE IV M9R fitted with particle filter, only use oil which is **ACEA C3 standard** and **5W30 grade** (or **0W30 grade** depending on the external temperature).

## II - TABLE OF OIL INTERCHANGEABILITY:

### 1 - CCMC standard:

	Standard	Minimum standard with which it can be replaced
Petrol	CCMC G4	ACEA A2
	CCMC G5	ACEA A2
DIESEL	CCMC PD2	ACEA B2

### 2 - ACEA standard:

	Standard	Minimum standard with which it can be replaced
Petrol	ACEA A1*	ACEA A3 or ACEA A5*
	ACEA A2	ACEA A3
	ACEA A3	-
	ACEA A5*	ACEA A3
DIESEL	ACEA B1*	ACEA B3 or ACEA B5*
	ACEA B2	ACEA B3
	ACEA B3	ACEA B4
	ACEA B4	-
	ACEA B5*	ACEA B4
	ACEA C3	-

\* engine oil enabling a reduction in fuel consumption.

### 3 - API standard:

	Standard	Minimum standard with which it can be replaced
Petrol	API SH	API SJ
	API SJ	API SL
	API SL	API SM
	API SM	-
DIESEL	API CF	-

# LUBRICANTS

## Engine oil: Specifications

# 04A

### I - OIL GRADE FOR VEHICLES WITH A FABRICATION DATE BEFORE 01/01/2001:

Note:

If an engine oil grade is not available or has been discontinued, please refer to the Table of oil interchangeability section.

Note:

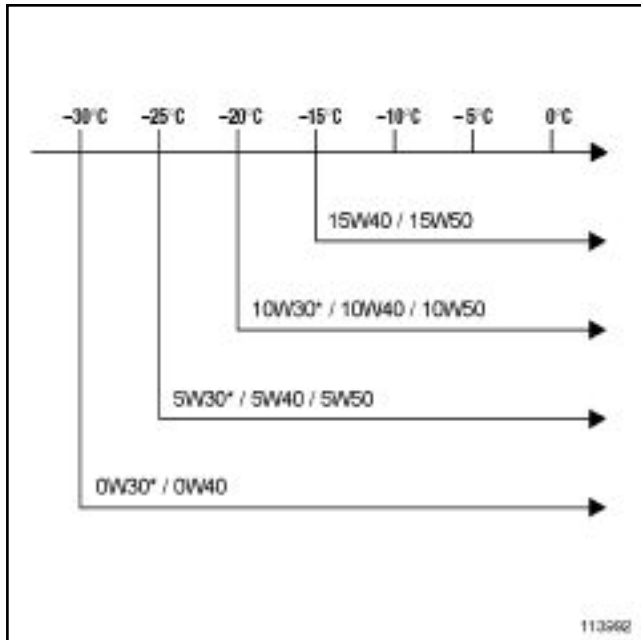
ACEA B1 standard oils should not be used for DIESEL engines under any circumstances.

#### 1 - For EUROPE:

##### a - Petrol engine:

RENAULT recommends that for both filling and changing the oil **ACEA A2** or **ACEA A1\*** standard oil is used (oil enabling a reduction in fuel consumption).

Oil grade to choose depending on average external temperature:



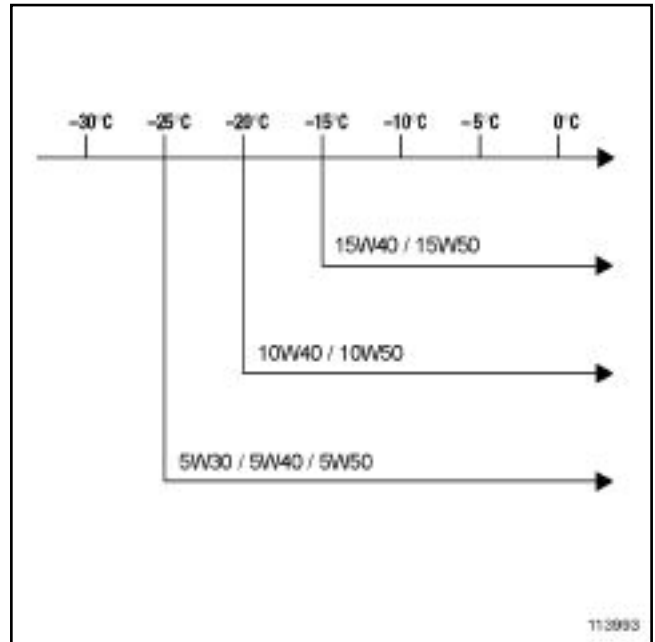
113992

\* Except F7P and F7R turbocharged engines.

##### b - DIESEL engine:

RENAULT recommends that for both filling and changing the oil **ACEA B2** standard oil is used.

Oil grade to choose depending on average external temperature:



113993

Note:

If an engine oil grade is not available or has been discontinued, please refer to the Table of oil interchangeability section.

Note:

ACEA B1 standard oils should not be used for DIESEL engines under any circumstances.

#### 2 - For other countries:

##### a - Petrol engine:

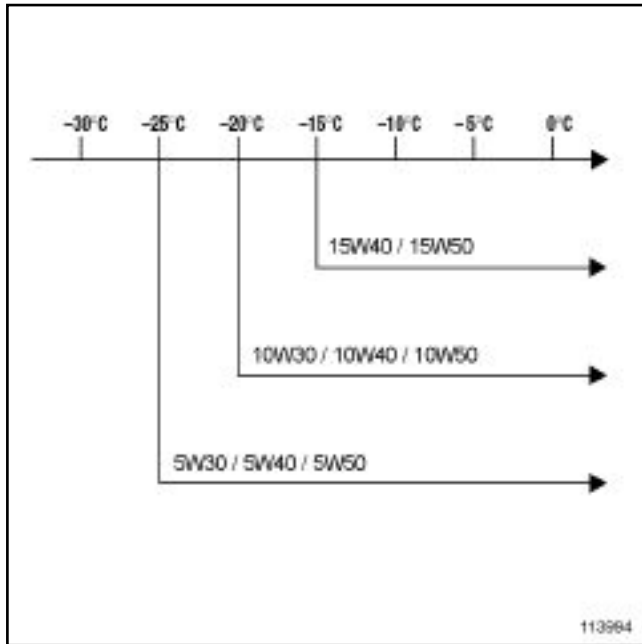
RENAULT recommends that for both filling and changing the oil **API SH** or **API SJ** standard oil is used.

Oil grade to choose depending on average external temperature:

# LUBRICANTS

## Engine oil: Specifications

# 04A

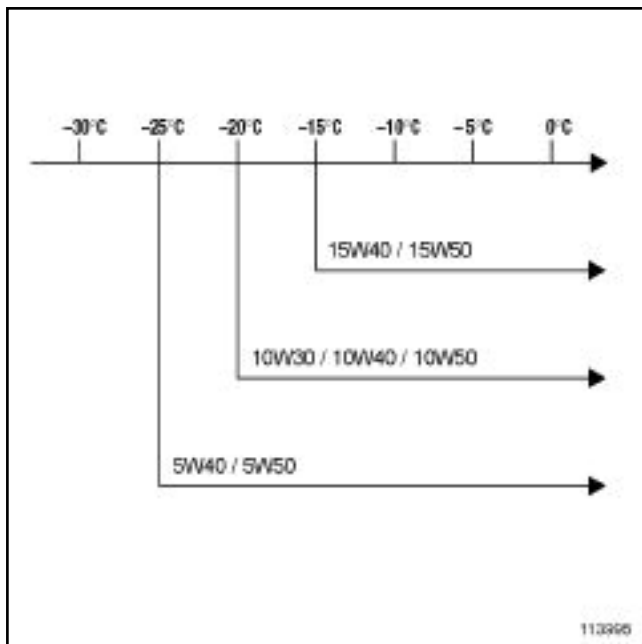


113994

### b - DIESEL engine:

RENAULT recommends that for both filling and changing the oil **API CF standard** oil is used.

Oil grade to choose depending on average external temperature:



113995

## II - TABLE OF OIL INTERCHANGEABILITY:

### 1 - CCMC standard:

	Standard	Minimum standard with which it can be replaced
Petrol	CCMC G4	ACEA A2
	CCMC G5	ACEA A2
DIESEL	CCMC PD2	ACEA A2

### 2 - ACEA standard:

	Standard	Minimum standard with which it can be replaced
Petrol	ACEA A1*	ACEA A3 or ACEA A5*
	ACEA A2	ACEA A3
	ACEA A3	-
	ACEA A5*	ACEA A3
DIESEL	ACEA B1*	ACEA B3 or ACEA B5*
	ACEA B2	ACEA B3
	ACEA B3	ACEA B4
	ACEA B4	-
	ACEA B5*	ACEA B4
	ACEA C3	-

\* oil enabling a reduction in fuel consumption.

# LUBRICANTS

## Engine oil: Specifications

**04A**

### 3 - API standard:

	<b>Standard</b>	<b>Minimum standard with which it can be replaced</b>
Petrol	API SH	API SJ
	API SJ	API SL
	API SL	API SM
	API SM	-
DIESEL	API CF	-