



	STANDARDS			MANUFACTURER APPROVALS						
	SAE	API	ACEA	BMW	MB-Approval	VW	PORSCHE	GM/OPEL	FORD	RENAULT
8100 Eco-lite	0W20	SM / CF								
8100 Eco-clean+ C1	5W30		A5 / B5 / C1						M2C 934A	
8100 Eco-clean C2	5W30	SM / CF	A5 / B5 / C2							
8100 X-clean C3	5W30	SM / CF	A3 / B4 / C3	LL - 04	229.51 / 229.31	502 00 / 505 00				
8100 X-clean C3	5W40	SM / CF	A3 / B4 / C3	LL - 04	229.51 / 229.31	502 00 / 505 00 / 505 01	PORSCHE			RN0710 - 0700
8100 Eco-nergy	5W30	SL / CF	A5 / B5							
8100 X-lite	0W30	SL / CF	A3 / B4	LL - 98	229.3	502 00 / 503 01 / 505 00				
8100 X-max	5W30	SL / CF	A3 / B4	LL - 01	229.5 / 229.3	502 00 / 505 00				
8100 X-max	5W40	SM / CF	A3 / B4	LL - 01	229.5	502 00 / 505 00				
8100 X-cess	5W40	SL / CF	A3 / B4	LL - 98	229.3	502 00 / 505 00	PORSCHE	LL B025		
SPECIFIC 504 00 - 507 00	5W30		A3 / B4 / C3			504 00 / 507 00				
SPECIFIC 505 01 505 00 502 00	5W40		A3 / B4			505 01 / 502 00 / 505 00			M2C 917A	
SPECIFIC 506 01 506 00 503 00	0W30					503 00 / 506 00 / 506 01				
SPECIFIC LL - 04	5W40		A3 / B4 / C3	LL - 04						
SPECIFIC 229.51	5W30		A3 / B4 / C3		229.51					
SPECIFIC LL A/B 025	5W30		A3 / B4					LL A/B 025		
SPECIFIC FORD 913 B	5W30	SJ / GF-2	A5 / A1 / B1						M2C 913 B	
SPECIFIC 0720	5W30		A3 / B4 / C4							RN0720
SPECIFIC 0710 0700	5W40	SL / CF	A3 / B4							RN0710 - 0700
6100 Synergie +	10W40	SL / CF	A3 / B4		229.3	502 00 / 505 00				
6100 Synergie	15W50	SL / CF	A3 / B4		229.1	501 01 / 505 00				
4100 Turbolight	10W40	SL / CF	A3 / B4		229.1	500 00 / 505 00				
4100 Power	15W50	SL / CF	A3 / B3		229.1	501 01 / 505 00				



# MOTORSPORT

## 300V Motorsport Range

In racing conditions, the goal is to maximize performances for a given engine, a specific race. With 6 viscosity grades line-up, the 300V range, provides a precise solution to cope with any race condition for the best targeted results (type of race and distance, engine fuel dilution, temperature...). Grade 0W20 for race engine designed for low viscosity oil.



### Competition 75W140

Specially formulated for gearboxes and limited-slip differential of racing cars. Excellent stability at high temperatures.

MOTUL exclusive technology approved in extreme endurance racing conditions: 24H du Mans, Japanese GT Championship, on HEWLAND and X-TRAC gearboxes.

API GL-5

### GEAR 300 75W90

For gearboxes, differential of high performances and racing cars.

0% Shear loss. Improved efficiency.

API GL-5. MIL-L-2105D



### RBF 660 FACTORY LINE

100% synthetic fluid for hydraulic brakes and clutches issued of several years research in Motul Research and Development laboratory.

Dry boiling point: 325°C / 617°F

Standards: FMVSS 116 DOT 4, SAE J 1703



### RBF 600 FACTORY LINE

Dry boiling point: 312°C / 593°F

### MoCOOL

Engines run cooler by 15°C (30°F).

Improves thermal exchange and engine cooling system efficiency.



MOTUL

119, Bd Félix Faure

93300 AUBERVILLIERS - FRANCE

Tel. +33 (0) 1 48 11 70 00 - Fax. +33 (0) 1 48 33 28 79

e-mail: [info@motul.com](mailto:info@motul.com)



*fluid force*

# CAR RANGE



[www.motul.com](http://www.motul.com)

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**MOTUL**



# ENGINE LUBRICANTS

## 100% SYNTHETIC

Exhaust gas after-treatment (catalytic converters + diesel particulate filters) is required on vehicles to meet **EURO IV** emission regulation. In order to avoid after treatment system break downs, special lubricants with reduced content of Sulphated Ash, Phosphorus and Sulphur (SAPS) must be used.

### FULL SAPS

#### 8100 X-max 5W40 - 5W30

Specially designed for turbocharged engines with extended drain interval dedicated to Mercedes **AMG** engines (5W40) and **smart** engines.

*Standards/Approvals:*  
**refer to chart**

#### 8100 Eco-nergy 5W30

Up to 10% less fuel consumption. Optimal protection against engine wear.

*Standards/Approvals:*  
**refer to chart**

#### 8100 X-cess 5W40

Will improve power and responsiveness. Reinforced anti-wear protection for a longer life of engine parts. Optimal protection, even in extreme driving conditions (stop-and-go, highway). Longer intervals between oil changes.

*Standards/Approvals:*  
**refer to chart**

#### 8100 X-lite 0W30

Specifically designed for powerful and recent cars. Outstanding oil film resistance at high temperature.

*Standards/Approvals:*  
**refer to chart**



### MID SAPS

#### 8100 X-clean C3 5W40 - 5W30

Lubricant specially designed for Diesel Particulate Filters (DPF) and three way catalytic converters. Any car powered by turbo Diesel direct injection or gasoline engines, **EURO IV** emission regulation compliant, requiring an **ACEA C3** engine lubricant, high HTHS viscosity and "Mid SAPS". Possibility to reach the longest drain interval allowed by the computer on board.

*Standards/Approvals:* **refer to chart**  
*Recommendations:*

**BMW, Mercedes/Chrysler, Ssangyong, Porsche, Kia/Hyundai, Renault/Nissan, Suzuki, Fiat**

#### 8100 Eco-clean C2 5W30

Fuel Economy Engine lubricant specially designed for cars, powered by turbo Diesel direct injection or gasoline engines, **EURO IV** emission regulation compliant, requiring an **ACEA C2** engine lubricant, designed to use low friction and low HTHS viscosity oil and "Mid SAPS". Compatible with Diesel Particulate Filters (DPF).

*Standards/Approvals:* **refer to chart**  
*Recommendations:*

**Peugeot and Citroën, HDI engines with or without Diesel particulate Filter (DPF)**

### LOW SAPS

#### 8100 Eco-clean+ C1 - 5W30

Lubricant specially designed for cars, powered by turbo Diesel direct injection or gasoline engines, **EURO IV** emission regulation compliant, requiring an **ACEA C1** engine lubricant, high HTHS viscosity and "Low SAPS".

Compatible with Diesel Particulate Filters (DPF).

*Standards/Approvals:*  
**refer to chart**

*Recommendations:*  
**Ford, Mazda DPF**

#### 8100 Eco-lite 0W20

« Fuel economy » engine lubricant specially designed for cars, powered with gasoline engines, designed to use lubricant with low friction, very low HTHS viscosity and « Mid SAPS ».

*Standards/Approvals:*  
**refer to chart**

*Recommendations:*  
**Honda Europe gasoline engines  
Mazda gasoline engines  
Subaru SOHC engines**

 Diesel Particulate Filter

# ENGINE LUBRICANTS

## SPECIFIC LINE

**Manufacturers Specialities:** Manufacturers develop increasingly complex engines while extending the intervals between scheduled maintenance. For some manufacturers' specific technology, MOTUL has developed a line of lubricants specifically tailored to each type of machine.



### VOLKSWAGEN / VAG

#### Specific 504 00 - 507 00 **DPF** 5W30

Specifically designed for VAG Group latest recent cars (Volkswagen, Audi, Skoda, Seat) fitted with **EURO IV** engines that require lubricants with low Sulphur, low Phosphorus and low Sulphated Ash rates. Compatible with Diesel Particulate Filters (DPF).

*Standards/Approvals: refer to chart*

#### Specific 505 01 - 502 00 - 505 00 5W40

100% synthetic lubricant with reduced sulphated ash, phosphorus and sulphur (Mid SAPS). Recommended for all types of VW engines (Gasoline, Diesel & TDI pump injector) with fixed drain interval.

*Standards/Approvals: refer to chart*

#### Specific 506 01 - 506 00 - 503 00 0W30

Engine lubricant specifically designed for flexible drain intervals.

*Standards/Approvals: refer to chart*

### FORD / JAGUAR / MAZDA

#### Specific Ford 913 B 5W30 **FUEL ECO**

Fuel economy lubricant specially designed for Aston Martin, Ford, Jaguar, Land Rover and Mazda

*Standards/Approvals:  
refer to chart*

### OPEL / GM / SAAB

#### Specific LL A/B 025 5W30

Specifically designed for OPEL, GM and SAAB models fitted with gasoline or turbo diesel direct injection engines.

*Standards/Approvals: refer to chart*

### BMW

#### Specific LL-04 **DPF** 5W40

Specifically designed for BMW and MINI cars fitted with **EURO IV** engines that require "Mid SAPS" lubricants: low Sulphated Ash, low Phosphorus and low Sulphur.

*Standards/Approvals: refer to chart*

### MERCEDES

#### Specific 229.51 **DPF** 5W30

Specifically designed for Mercedes-Benz recent cars fitted with **EURO IV** engines that require «Mid SAPS» lubricants: low Sulphur, low Phosphorus and low Sulphated Ash. Flexible drain intervals.

*Standards/Approvals: refer to chart*

### RENAULT

#### Specific 0720 **DPF** 5W30

100% synthetic - high performance lubricant – RENAULT RN0720 approved. Specially designed for **EURO IV** and **EURO V** RENAULT engines. Fuel economy. Remarkable thermal stability and outstanding oxidation resistance.

- RN0720 – all Diesel engines with Diesel Particulate Filters (DPF).
- ACEA C4.

*Standards/Approvals: refer to chart*

#### Specific 0710 0700 5W40

100% synthetic - high performance lubricant – specially designed for RENAULT engines (**EURO IV** and **EURO V**).

- RN0700 – all naturally-aspirated Gasoline engines.
- RN0710 – all turbocharged Gasoline engines, RENAULT SPORT engines and Diesel engines without DPF.

*Standards/Approvals: refer to chart*

# ENGINE LUBRICANTS TECHNOSYNTHÈSE®

6100

## 6100 Synergie+ 10W40

EXPERT  
ADVICE

Technosynthese® lubricant designed for powerful gasoline, diesel, LPG, turbo and injection engines. Longer intervals between oil changes. Reduce oil consumption.

Standards/Approvals: **refer to chart**

## 6100 Synergie 15W50

Lubricant particularly recommended for the newest and powerful gasoline, diesel, LPG, turbo and injection engines. Reinforced synthetic formula guarantees maximum performance.

Standards/Approvals: **refer to chart**

4100

## 4100 Turbolight 10W40 4100 Power 15W50

MOTUL 4100 - Technosynthese® lubricants are particularly recommended for the recent gasoline, diesel, LPG and turbo engines. They provide optimal protection against engine wear.

Standards/Approvals: **refer to chart**

## MINERAL

4000

### 4000 Motion 15W40 - 15W50

MOTUL 4000 Motion lubricants are designed for gasoline, diesel, LPG and turbo engines. They will satisfy users concerned with long-term preservation of engine output.

Standards:

ACEA A3/B3 - API SL/CF

Approvals:

VW 505 00 / MB-Approval 229.1

MOTUL also offers 4000 Motion 10W30 for engines requiring a thinner viscosity.

Standards:

ACEA A1/B1 - API SL/CF

2000

### 2000 Multigrade 15W40 - 20W50

MOTUL 2000 Multigrade lubricants are formulated for gasoline, diesel, LPG, and turbo engines.

Standards:

ACEA A2/B2 - API SL/CF

2000 Multidiesel 15W40 is also available for passenger Diesel cars.

## CLASSIC OIL

BEFORE 1950

### Classic Oil SAE 50

Mineral engine oil specially formulated for before 50's collectors' cars.



AFTER 1950

### Classic Oil 20W50

Engine oil specially formulated for after 50's collectors' cars.



## ALTERNATIVE FUELS

### SPECIFIC CNG/LPG

100% synthetic lubricant for engine using Compressed Natural Gas (CNG), Liquefied Petroleum Gas (LPG) or dual fuel (Gasoline + Gas).

- Outstanding lubrication properties
- High temperatures resistance.
- Reduced content of sulphated ash, phosphorus and sulphur.





# TRANSMISSION LUBRICANTS

## AUTOMATIC TRANSMISSIONS / POWER STEERING

### Multi ATF

Technosynthese® lubricant  
**DEXRON III H / IID / IIE**  
**MERCON & MERCON V - JASO 1A**  
**ATF +3, +4 - DIAMOND ATF SPIII - PSF 3**  
**ALLISON C4 - VOITH G607**  
**BMW - MB-Approval 236.9 - 236.10 -**  
**236.11 - 236.12**  
**ZF 03D / 04D / 14A**

### Dexron III

Technosynthese® lubricant  
**MAN 339F - MB-Approval 236.5 - 236.9**  
**VOITH 55.6335.32 (G607)**  
**ZF TE ML - 03D / 04D / 14A / 17C**  
**GENERAL MOTOR DEXRON III G**  
**FORD MERCON**  
**ALLISON C-4 - CATERPILLAR TO-2**

### Dexron IID

Mineral lubricant  
**MAN 339D - MB-Approval 236.7**  
**VOITH 55.6335.32 (G607)**  
**ZF TE ML - 03D / 04D / 11A / 14A / 17C**  
**GENERAL MOTOR DEXRON II D**  
**ALLISON C-4 - CATERPILLAR TO-2**



## SPECIALITIES

### Hypo Synt 75W90

100% synthetic lubricant  
Formulated for BMW rear axle without limited-slip differential or with autolock differential.  
**API GL-4 and GL-5 - BMW**  
**MIL-L-2105D**

### Hypo Synt LS 75W140

100% synthetic lubricant  
Specially formulated for BMW rear axle with limited-slip differential with plates or with EH limited-slip.  
**API GL-4 and GL-5 - BMW**  
**MIL-L-2105D**

### Motylgear 10W40

Gearboxes lubricants.  
**API SG / SH, API GL-4**

### 90 PA

Mineral extreme pressure lubricant. Specially formulated for limited-slip differentials.  
**API GL-4 and GL-5**  
**MIL-L-2105D**

## MECHANICAL TRANSMISSIONS

### GEAR 300 75W90

100% synthetic lubricant  
For gearboxes, differential of high performances and racing cars.  
0% Shear loss. Improved efficiency.  
**API GL-5. MIL-L-2105D**

### Motylgear 75W80

Technosynthese® lubricant  
Gearboxes and rear axles.  
Extreme pressure lubricants. Smooth shifting.  
**API GL-4 and GL-5**  
**MIL-L-2105D**

### Motylgear 75W90

Technosynthese® lubricant  
Gearboxes and rear axles.  
Extreme pressure lubricants. Smooth shifting.  
High temperature stability.  
**API GL-4 and GL-5**  
**MIL-L-2105D**

### Gearbox 80W90

Gearboxes and rear axles. Extreme pressure lubricants. Reinforced with MOS2. Particularly recommended for heavily loaded gearboxes.  
**API GL-4 and GL-5 - MIL-L-2105D**

### HD 80W90

Gearboxes and rear axles. Extreme pressure lubricant.  
**API GL-4 and GL-5 - MIL-L-2105D**

### Gear MB 80W

Gearboxes and rear axles. Extreme pressure lubricant.  
**API GL-4 - MB-Approval 235.1**

### Gear Oil 90

Lubricant for gearboxes and rear differentials.  
**API GL-1**

# MAINTENANCE

## ANTI FREEZE FLUIDS/ COOLANTS

### Inugel Optimal

Power and protection (-30°C/-22°F)  
Ready to use coolant. Inugel Optimal's Organic technology reduces the operating temperature of the engine to maintain full power. Anti-scaling and long-lasting anti-corrosion protection throughout the cooling system.

### Inugel Optimal Ultra

Concentrated formula (down to -54°C/-65°F)  
Concentrated antifreeze to dilute with water.

### Inugel Expert

Protection (-30°C/-22°F)  
Ready-to-use coolant. The Hybrid technology of Inugel Expert improves heat transfer for optimal engine performance. Protects the entire cooling system against corrosion.

### Inugel Expert Ultra

Concentrated formula protection (down to -54°C/-65°F). Concentrated antifreeze to dilute with water.

### Inugel Classic

Protection (-25°C/-13°F) All season, ready-to-use coolant, developed for all types of gasoline and Diesel engine.

## MOTUL CARE SYSTEM

### Engine Clean

#### Cleans and protects the engine

Engine cleaner to add to engine oil before drain, developed for gasoline, Diesel, LPG, air or turbo charged engines. Keeps new oil clean longer and restores engine compression. 300ml.

### Fuel System Clean (Gasoline)

#### Superior engine output

Cleaner specially designed for the fuel systems of gasoline engines. Reinforced action on valves, carburetors, injectors and combustion chambers. 300ml.

### Diesel System Clean (Diesel)

#### Superior engine output

Cleaner specially designed for the fuel systems of Diesel engines. Reinforced action on valves, carburetors, injectors and combustion chambers. 300ml.

### Carbu Clean

#### Improves carburation

Carburettor cleaner formulated to eliminate deposits, varnishes and gums. 400 ml.

### Valve Expert

Lead substitute for leaded gasoline engines (cars, motorcycles, boats, mechanized farming equipment).

Phosphorus formulation ensuring maximum valve seat protection. 250 ml.

### Stabilizer

Fuel preservation additive.

Protect fuel against oxidation.

Easier starter after wintering. 250 ml.

## CLEAN AND SHINE

### Shine & Go Silicon Clean

#### Brilliance and protection

Shine & Go shines and enhances plastic surface colours thanks to its exclusive silicone-based formula. It leaves behind a long-lasting protection film. 400 ml.

### Vision Expert Ultra

#### Concentrated

Concentrated formula to allow dilution adjustment in function of required protection. Exclusive formula, removes dirt, greasy material from the windshield.

### Vision Classic -20°C

#### Ready to use

Ready to use formula for easier using. Removes windshield fat and dirt. Dries leaving no mark. Freezing protection for washer system and tank.

## PRESERVATION

### Tyre repair

#### Quick repair

Repairs and reinflates tire, with or without an inner tube. Latex formulation. 300ml.

### Brake clean contact cleaner

#### Cleaner for metal parts

Powerful, non chlorinated degreaser for brake disks, clutches, metallic parts, electric contacts and spark plugs. Leaves surfaces clean and dry. 400ml.

### E.Z. lube Multi Protect

#### Multi protection

Multi-use lubricant and anti-corrosion fluid. Creates a reinforced anti-corrosion protective film. 250ml.

## BRAKE FLUIDS

### Dot 5.1 Brake Fluid

Long-lasting 100% synthetic fluid for hydraulic brakes and clutches. Recommended for anti-lock brakes systems (ABS).  
*Standards/Approvals: refer to chart*

### Dot 3 Brake Fluid

100% synthetic fluid for all types of hydraulic brake and clutch systems.  
*Standards/Approvals: refer to chart*

### Dot 4 Brake Fluid

100% synthetic fluid for all types of hydraulic brake and clutch systems.  
*Standards/Approvals: refer to chart*

### LHM Plus

Hydraulic mineral fluid for brakes, power steering and hydraulic suspension systems, green painted, Citroën since 1966.

