



# **ENGINE OIL**

OILS & CHEMICALS | 29002

### **Purpose**

The main purpose of engine oil is to lubricate the mechanical components in the engine. Its function is to reduce the friction of the moving parts and the wear resulting from this. But the engine oil in modern engines must also fulfil other, much more complicated tasks.

#### **Tasks**

- · Lubrication of the components
- · Wear protection
- Fuel economy
- Cleaning
- Cooling
- · Protection against corrosion





# **SYMPTOMS**

- · Oil light is on
- · Irregular engine function
- · Clogged motor
- · Unclean combustion
- · Increased oil consumption



#### **REASONS FOR FAILURE**

- Too much/too little oil
- Wrong oil
- · Change interval has been exceeded



# CONSEQUENTIAL DAMAGES

- Defective lubrication due to insufficient oil supply
- · Foaming of the oil
- Decreased lubrication effect from breakage of the oil film
- · Greater wear of the components
- · Dirty oil channels
- Serious mechanical damage
- Engine damage



# RECOMMENDED BY THE EXPERTS

- Have the oil level regularly checked
- Observe the stipulated change interval
- Use oil specification stipulated by the manufacturer
- Promptly execute change intervals, particularly for older vehicles
- Renew the oil, the hydraulic filter and the seal rings, including the oil drain plug, every oil change

# **ENGINE OILS FROM VAICO**

You can find more information at www.autoteile.de

- Increased lubrication reliability: targeted additive, optimal lubrication
- Quality: the VAICO quality brand offers products according to the original approvals
- Transport safe: 1 and 5 litre canisters with leak-proof induction











5 | 20 | 60 | 208 | 1,000 |



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### **ENGINE OIL OW-20 LONGLIFE IV**



# **ENGINE OIL OW-30 LONGLIFE 12 FE**





## **ENGINE OIL SAE 5W-30 LONGLIFE III**





TL 525 77  Porsche Porsche C20  ACEA A1/B1	X-Ref 508.00*	V60-	0331
TL 525 77	ACEA	A1/B1	
,,,	Porsche	Porsche C20	
A !! MM	Audi-VW	508.00, 509.00, G 052 577 TL 525 77	M2,

ACEA	02	
4054	C2	
	BMW Twi	inPower Turbo LL-12 FE
BMW	2 365 935, 83 21 2 365 935,	

X-Ref 83 21 2 365 949*		V60-0053	
ACEA	C3		
Mercedes-Benz	229.51		
BMW	LONGLIFE-04		
Audi-VW	504.00, 507.00, GVW 052 195 M2		

### **ENGINE OIL SAE 5W-30 LONGLIFE LA**





## **ENGINE OIL SAE 5W-40**









**ENGINE OIL SAE 10W-40** 



Audi-VW	502.00, 505.00, 505.01		
BMW	LONGLIFE-04		
FIAT	9.55535-S2		
Mercedes-Benz	229.51		
OPEL/GM	DEXOS 2TM		
ACEA	C3		

V60-0082 X-Ref 5W-30 Longlife Plus\*

			1110	
ACEA	A3/B4			
PORSCHE	A40			
OPEL/GM	LL-B-025	j		
Mercedes-Benz	229.3, 22	26.5		
BMW	LONGLIFE-01			
Audi-VW	502.00, 5	505.00		

V60-0025 X-Ref BMW longlife-01\*

V D - £ 000 14		V60-0012
ACEA	A3/B4	
Mercedes-Benz	229.1	
Audi-VW	505.00	

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<sup>\*</sup> For detailed vehicle information, please refer to the vehicle lists under www.autoteile.de.