

**Prescribed engine oils (Service) - Overview**

for Mercedes-Benz, AMG, Maybach and smart

<b>Passenger car engines, commercial vehicle engines, commercial vehicle engines from the passenger car sector, industrial engines from the passenger car sector (BR 100, BR 200, BR 600)</b>												
<b>MB Specifications for Operating Fluids - Sheet</b> <sup>1.)</sup>	<b>226.9</b>	<b>228.0 / .1</b>	<b>228.2 / .3</b>	<b>228.31</b> <sup>2.)</sup>	<b>228.5</b>	<b>228.51</b> <sup>2.)</sup>	<b>229.1</b>	<b>229.3</b>	<b>229.31</b> <sup>2.)</sup>	<b>229.5</b>	<b>229.51</b> <sup>2.)</sup>	
	Multigrade	Mono- / Multigrade	Mono- / Multigrade	Multigrade	Multigrade	Multigrade	Multigrade	Multigrade	Multigrade	Multigrade	Multigrade	
<b>Gasoline engines</b>												
M 155 (SLR)	-	-	-	-	-	-	-	● <sup>3.)</sup>	-	-	-	
M 156	-	-	-	-	-	-	-	-	-	● <sup>4.)</sup>	● <sup>4.)</sup>	
M 285 (Maybach) and AMG engines M 155 (SLR) and M 156	-	-	-	-	-	-	-	-	-	● <sup>4.)</sup>	-	
M 132 (USA), M 275	-	-	-	-	-	-	-	-	-	●	-	
M 122, M 272 / 273	-	-	-	-	-	-	-	●	-	●	-	
M113	-	-	-	-	-	-	●	●	-	●	-	
M 132 (ROW), M 266, M 271	-	-	-	-	-	-	-	●	●	●	●	
<b>Diesel engines</b>												
<b>in vehicles without particulate filter (DPF)</b>												
OM 660	-	-	-	-	●	●	-	●	●	●	●	
OM 640, OM 642, OM 646, OM 651, OM 611 in model series 9xx (Sprinter)	-	-	- / ●	-	●	●	-	●	●	●	●	
<b>in vehicles with particulate filter (DPF)</b>												
OM 629, OM 640, OM 642, OM 646, OM 651	-	-	-	-	-	●	-	-	●	-	●	
OM 660 (EU3/EU4 with non-regulated DPF)	-	-	-	-	○	●	-	-	●	-	●	
<b>Commercial vehicle engines, industrial engines from the commercial vehicle sector (BR 300, BR 400, BR 500, BR 900)</b>												
<b>MB Specifications for Operating Fluids - Sheet</b> <sup>1.)</sup>	<b>226.9</b>	<b>228.0 / .1</b>	<b>228.2 / .3</b>	<b>228.31</b> <sup>2.)</sup>	<b>228.5</b>	<b>228.51</b> <sup>2.)</sup>	<b>229.1</b>	<b>229.3</b>	<b>229.31</b> <sup>2.)</sup>	<b>229.5</b>	<b>229.51</b> <sup>2.)</sup>	
	Multigrade	Mono- / Multigrade	Mono- / Multigrade	Multigrade	Multigrade	Multigrade	Multigrade	Multigrade	Multigrade	Multigrade	Multigrade	
<b>Diesel engines</b>												
<b>in commercial vehicles and busses without particulate filter (DPF)</b>												
model series 300, 400, 500, 900 & OM 457, OM 460 up to and including Euro 3	-	○ / ●	○ / ●	●	●	●	-	-	-	-	-	
model series 900, 500 and OM 457, OM 460 Euro 4 / 5	-	-	○ / ●	●	●	●	-	-	-	-	-	
<b>Gas engines</b>												
<b>in commercial vehicles and busses with particulate filter (DPF)</b>												
BR 900, BR 500 and OM 457, OM 460	-	-	○	●	○	●	-	-	-	-	-	
<b>Notes:</b>												
This table only contains oil types for engines that are currently in production!												
Information on unlisted, older engine models can be found in the vehicle operator's manuals or in the maintenance procedures.												
Individual vehicle specific features must be regarded for the use of the engine oils.												
In general, the binding oil change specification (quality and interval) can be found in the respective vehicle operator's manual or in the maintenance procedures and for passenger cars also in the Service information (SI) on engine oil change (SI 18.00-P-												
● Approval												
○ Can only be used in exceptional cases or under certain operating conditions / in certain applications.												
- Must not be used												
1.) Sheets 227.0/.1 no longer exist! Replaced by engine oils in sheets 228.0/.1/2/.3/31/5/.51.												
2.) Use in combination with low-sulfur (S < 50 ppm) or sulphur-free (S < 10 ppm) fuels! If fuels with a sulfur content of S > 500 ppm are being used, the oil change intervals must be reduced!												
3.) <b>Restriction:</b> Only "Mobil 1 5W-50", SAE 5W-50, according to sheet 229.3 is approved!												
4.) <b>Restriction:</b> Only SAE 0W-40 and SAE 5W-40 engine oils may be used!												
The temperature ranges of the viscosity classes must be regarded for the use of the engine oils (see MB sheet 224.1 and 224.2)												
Monograde oils are listed on sheets 228.0/.2 - only to be used in summer. Multigrade oils are listed on sheets 226.9, 228.1/.3/31/5/.51, 229.1/.3/31/5/.51 – all-season application possible.												