

BB00.40-P-0223-01A	Specified break-in engine oils - overview viscosity classes  Multigrade oils	For Mercedes Benz and smart Sheet 224.1 (passenger-car engines) Sheet 224.2 (commercial-vehicle engines)  Sheet 225.5 Sheet 225.6 Sheet 225.8 Sheet 225.10 Sheet 225.11 Sheet 225.12 Sheet 225.14 sheet 225.17 sheet 225.18	Sheet 223.1 BB00.40-P-0224-01A BB00.40-P-0224-02A  BB00.40-P-0225-05A BB00.40-P-0225-06A BB00.40-P-0225-08A BB00.40-P-0225-10A BB00.40-P-0225-11A BB00.40-P-0225-12A BB00.40-P-0225-14A BB00.40-P-0225-17A BB00.40-P-0225-18A
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Multigrade oils of the prescribed SAE grade can be used year round, taking the outside temperature into account (see sheet 224.1, sheet 224.2). Before the cold season begins, ensure that the SAE grade you use is sufficient for the temperatures in which you are active, taking the SAE table into account.

Please note that the SAE grade refers to new oil. The low-temperature characteristic of engine oil can worsen considerably due to aging in operation. An oil change before the cold season begins with an approved engine oil in the suitable SAE grade is therefore highly recommended.

**Passenger vehicle engines,  
 Commercial vehicle engines from the passenger car division,  
 Industrial engines from the passenger car sector (BR 100, BR 200, BR 600)**

<b>MB Specifications for Operating Fluids sheet</b> MB Working Title	<b>225.5 Sirius</b>  <b>Multi- grade</b>	<b>225.6 Topas</b>  <b>Multi- grade</b>	<b>225.8 Sapphir e</b>  <b>Multi- grade</b>	<b>225.10 Diamon d</b>  <b>Multi- grade</b>	<b>225.11 Opal</b>  <b>Multi- grade</b>	<b>225.12 Garnet</b>  <b>Multi- grade</b>	<b>225.14 Tourmal ine</b>  <b>Multi- grade</b>	<b>225.17 Azurit</b>  <b>Multi- grade</b>	<b>225.18 Chalcedon</b>  <b>Multi- grade</b>
<b>Gasoline engines</b>									
M 266, 271 (Repo + EVO), 272, 273, 275, 276, 278	-	-	-	●	-	-	-	-	-
AMG engines and M 285 (Maybach) 3.)	-	-	-	-	-	-	-	-	-
<b>Diesel engines in vehicles <u>without</u> particulate filter (DPF)</b>									
OM 611, 612 in BR 9xx (Sprinter)	-	○1.)	● 3.)	-	-	-	-	-	-
OM 640, 646	-	-	-	●	-	-	-	-	-
OM 642, 651	-	-	-	-	-	-	-	●	-
OM 646 in model series 639	-	○1.)	-	-	●	-	-	-	-
<b>in vehicles <u>with</u> particulate filters (DPF)</b>									
OM 629	-	-	-	-	●	○	-	-	-
OM 640, 646, 660	-	-	-	-	●	-	-	-	-

<b>MB Specifications for Operating Fluids sheet</b> MB Working Title	225.5 Sirius  Multi-grade	225.6 Topas  Multi-grade	225.8 Sapphire  Multi-grade	225.10 Diamond  Multi-grade	225.11 Opal  Multi-grade	225.12 Garnet  Multi-grade	225.14 Tourmaline  Multi-grade	225.17 Azurit  Multi-grade	225.18 Chalcedon  Multi-grade
OM 642, 651	-	-	-	-	-	-	-	●	-
OM 646 in BR 639 and BR 906	-	-	-	-	●	-	-	-	-
OM 660 (EU3/EU4 with non-regulated DPF)	-	-	-	-	●	-	-	-	-



**Notes:**

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 the maintenance procedures.

Special considerations relevant to specific vehicles must also be observed when using the engine oils.

The general rule is that the binding oil change specification (MB sheet) of the respective vehicle operator's manual is to be observed.

- Enable
- Can only be used in exceptional cases or under certain operating conditions/in certain applications.
- Must not be used

- 1.) Only to be used in exceptional circumstances if no engine oil as per sheet 225.8, or 225.10 available.
- 2.) Only to be used in exceptional circumstances, if no engine oil as per Sheet 225.6 available.
- 3.) Only oils from DB supply specification 6674.32/.33/.34