			228.3	228.5	228.51	229.3	229.31	229.5	229.51	229.52	229.6 ⁴⁾	229.61 ⁴⁾	229.71
	Multigrade	Multigrade	Multigrade	Multigrade	Multigrade	Multigrade	Multigrade	Multigrade	Multigrade	Multigrade	Multigrade	Multigrade	Multigrade
asoline Engines - Western Europe -												Introduction in 06/2017	
M 155 (SLR)	-	-	-	-	-	● ^{1.)}	-	-	-	-	-	-	-
M 152, M 157, M 158, M 275, M 277, M 279, M 285 (Maybach)	-	-	-	-	-	-	-	● 2.)	-	-	-	-	-
M 133, M 156, M 159, M 176 in G500, M 177, M 178	-	-	-	-	-	-	-	● ^{2.)}	● ^{2.)}	-	-	-	-
M 176 in BR 222	-	-	-	-	-	-	-	-	-	•	-	•	-
M 122, M 272, M 273	-	-	-	-	-	•	-	•	-	-	-	-	-
M 132, M 266, M 271	-	-	-	-	-	•	•	•	•	•	-	-	-
M 271 EVO	-	-	-	-	-	•	-	•	•	•	-	-	-
M 270, M 274	-	-	-	-	-	•	-	•	•	•	•	-	-
M 276	-	-	-	-	-	-	-	•	-	-	•	-	-
M 278	-	-	-	-	-	-	-	•	-	-	-	-	-
M 256	-	-	-	-	-	-	-	-	•	•	-	•	•
M 281	•					•		•	-	-	-	-	-
VAN engine (Citan): M 200.71	•	-	-	-	-	•	-	•	-	-	-	-	-
Sasoline Engines - Worldwide (except Western Europe) -													
M 155 (SLR)	-	-	-	-	-	● ^{1.)}	-	-	-	-	-	-	-
M 133, M 152, M 156, M 157, M158, M 159, M 176 in G500, M 177, M 178, M 275, M 277, M 279, M 285 (Maybach)	-	-	-	-	-	-	-	● ^{2.)}	-	-	-	-	-
M 176 in BR 222	-	-	-	-	-	-	-	-	-	•	-	•	-
M 122, M 132, M 266, M 271, M 271 EVO, M 272, M 273, M 278	-	-	-	-	-	-	-	•	-	-	-	-	-
M 270, M 274, M 276	-	_	_	_	_	_	_	•	-	_	•		
M 256		-	-	-	-	-	-	-		•	-		•
M 281	•	-	-	-	-	-	-		-	-	_	-	-
VAN engine (Citan): M 200.71	•	_	-	_	_	-	-	•	-	-	-	_	-
Diesel Engines - Worldwide -	-												
(a) in vehicles without particulate filter (DPF)													
OM 660	-	-	-	•	•		•	•	•		-	-	-
1 111			•	•	•	•		•	-	•			
OM 640, OM 642, OM 646, OM 651	-	-	3.)	3.)	3.)	3.)	3.)	3.)	3.)	3.)	-	-	-
VAN engines (Vito, Sprinter): OM 611, OM 612, OM 646, OM 647, OM 651 (b) in vehicles with particulate filter (DPF)	-	-	• 0.7	• 0)	• 5.7	• 5.7	• 5.7	• 5.7	• 0.7	• 3.,	-	-	-
OM 607 (in passenger car vehicles), OM 626			-	-	_	-		-			-	_	-
OM 629, OM 640,-OM 646, OM 651	-	-	-	-	•	-	•	-	•	•	-	-	-
OM642 - up to and including model year 2016 except: OM642 EU6 in BR 164.124/.824, BR 251.124, BR 221 (UK), BR 222 (UK) OM642 in BR 463.306/.336/.346 OM642 Bin5 in BR 164.125/.825, BR 251.125 (only USA and Canada) OM642 EU4 in BR 221.122 (UK)	-	-	-	-	•	-	•	-	•	•	-	-	-
OM642 EU6 in BR 164.124/.824, BR 251.124 , BR 221 (UK), BR 222 (UK) OM642 in BR 463.306/.336/.336 OM642 Bin5 in BR 164.125/.825, BR 251.125 (only USA and Canada) OM642 EU4 in BR 221.122 (UK)	=	-	-	-	-	-	-	-	-	•	-	-	-
OM 642 - from model year 2017 onwards	-	-	-	-	-	-	-	-	-	•	-	-	-
OM 660 (EU3/EU4 with none-controlled particulate filter (DPF)	-	-	-	0	•	-	•	-	•	•	-	-	-
OM 654	_	_	-	-	•	-		-			-	•	
OM 656	-	-	-	-	-	-	-	-	-	•	-	•	-
1 111		1	l	-		l	2)	l	2)	2.1	-	+	$\overline{}$
VAN engines (Vito, Sprinter): OM 642, OM 646, OM 651	-	-	-	-	3.)	-	→ 3.)	-	3.)	→ 3.)	-	-	-

Version: 04/2017

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

MB Sheet 223 2

- 1.) Restriction: Only SAE 5W-50 engine oils are allowed
- 2.) Restriction: Only SAE 0W-40 und SAE 5W-40 engine oils are allowed!
- 3.) Recommendation: In order to ensure cold start operability at temperatures below -20°C as well as optimum lubrication at low outside temperatures and under conditions of high biofuel content in the fuel, the viscosities SAE 0W-30, 0W-40 or SAE 5W-30, 5W-40 are
- recommended as year-round engine oils for VAN engines. Please note the temperature ranges of vehicle population in the design of the properties of the prope

In general, the binding engine oil specification (MB-sheet) is documented in the relevant operating manual of the vehicle.

This table contains only engine oil specifications for engines that are currently in production.

Information on unlisted or older engine types are described in the operating instructions of the vehicle or the maintenance instructions.

The prescribed engine oil drain may be dependent on the applied engine oil specification. When using certain specifications reduced engine oil drain intervals have to be considered.

Details are documented in the operating manual of the vehicle, the service information or maintenance instructions.

Multi grade oils can be used all year-round taking into consideration the outside temperature (see sheet 224.1)

The suitability of the applied viscosity grade (SAE grade) for the expected outside temperatures has to be ensured before the cold season starts.

MB Sheet 223.2						Version:	04/2017		
Prescribed Specifications for Service Fi	II Engine Oils in Commercial Vehic	le Engines	- Mercedes-	Benz					
MB	specifications for operating fluids / MB Sheet	228.0 / .1	228.2 / .3	228.31	228.5	228.51	228.61		
		Mono- / Multigrade	Mono- / Multigrade	Multigrade	Multigrade	Multigrade	Multigrade		
iesel engines - worldwide -									
(a) in commercial vehicles and busses without partic	culate filter (DPF)								
BR 300, 400, 500, 900 & OM 457	up to and including Euro III	0/•	0/•	•	•	•	-		
BR 900, BR 500 und OM 457	Euro IV / V	-	0/•	•	•	•	-		
OM 471	Euro V	-	- / •	0	•	0	-		
Gas engine M 906 LAG	EEV	1	-	-	-	•	-		
Gas engine M 936 G	Euro VI		see service infor	e service informations SI18.00-W-0013A and SI18.00-W-0013B					
(b) in commercial vehicles and busses with particula	ate filter (DPF)								
BR 900, BR 500 und OM 457		-	-	•	-	•	-		
OM 934, OM 936	Euro VI	-	-	•	-	•	-		
OM 936h	Euro VI	1	-	-	-	•	-		
OM 470 (except FE1 engine types, cp. next line) OM 471 (except FE1 engine types, cp. next line) OM 473	Euro VI	-	-	•	-	•	-		
OM 470 FE1 engine types: 470.913, 470.914, 470.915, 470.921, 470.923 OM 471 FE1 engine types: 471.926, 471.937, 471.938, 471.944, 471.946	Euro VI	-	-	•	-	•	•		
(c) in industrial applications without particulate filter	(DPF)								
BR 900, BR 500, OM 460	up to and including EU Stage IIIA / US Tier 3	⊙/●	⊙/●	•	•	•	-		
BR 900, BR 500, OM 460	EU Stage IIIB / US Tier 4i	-	0/•	•	•	•	-		
OM 934, OM 936	EU Stage IV / US Tier 4	-	- / •	•	•	•	-		
OM 470, OM 471, OM 473	EU Stage IV / US Tier 4	-	- / •	•	•	•	•		

O only allowed in exceptional cases and under specific operating conditions / applications

not allowed

In general, the binding engine oil specification (MB-sheet) is documented in the relevant operating manual of the vehicle.

This table contains only engine oil specifications for engines that are currently in production.

Information on unlisted or older engine types are described in the operating instructions of the vehicle or the maintenance instructions.

The prescribed engine oil drain interval is dependent on the applied engine oil specification. When using certain specifications reduced engine oil drain intervals have to be considered.

Details are documenetd in the operating manual of the vehicle, the service information or maintenance instructions.

Multi grade oils can be used all year-round taking into consideration the outside temperature (see sheet 224.2)

The suitability of the applied viscosity grade (SAE grade) for the expected outside temperatures has to be ensured before the cold season starts.