

Manufacturer's Certificate

Freigabe/Approval

23/20 ENU 1701

1

Allocation of Approved Engine Oils (23/20)

Revision: This bulletin replaces bulletin Group 1 11/20, dated 3/23/2020.

Model Year: **As of 2021**

Vehicle Type: **All Porsche standard-production vehicles**

Validity: **Worldwide**

Oil Quality: Only **oils approved by Porsche and listed in the current approval lists** are to be used for the specified vehicle types.

Note: For **model lines up to and including MY 2020**, use exclusively the **"Assignment of approved engine oils up to MY 2020"** issued for this purpose.

For **classic vehicles**, use exclusively the list **"Recommended motor oils for classic vehicles"** issued for this purpose.

| Porsche specification | | C40 | C30 | C20 |
|--|-------------|-----|-----|-----|
| Designation | Power unit | | | |
| Type 971, Panamera from MY 2021 | | | | |
| Panamera | EA839 LK3dc | - | x | - |
| Panamera 4 | | | | |
| Panamera 4S | EA839 LK3 | - | x | - |
| Panamera 4 E-Hybrid | EA839 LK3dc | - | x | - |
| Panamera GTS | EA825 LK4 | x | - | - |
| Panamera Turbo S E-Hybrid | EA825 LK5 | x | - | - |
| Panamera Turbo S | EA825 LK5+ | x | - | - |
| Type 9YA, Cayenne from MY 2021 | | | | |
| Cayenne, Cayenne Coupé | EA839 LK2 | - | - | x |
| Cayenne S, Cayenne S Coupé | EA839 LK3 | - | x | - |
| Cayenne E-Hybrid (RdW), Cayenne E-Hybrid Coupé (RdW) | EA839 LK2 | - | - | x |
| Cayenne GTS, Cayenne GTS Coupé | EA825 LK4 | x | - | - |
| Cayenne Turbo, Cayenne Turbo Coupé | EA825 LK5 | x | - | - |

| Porsche specification | | C40 | C30 | C20 |
|--|--------------------|-----|-----|-----|
| Designation | Power unit | | | |
| Cayenne Turbo S E-Hybrid, Cayenne Turbo S E-Hybrid Coupé | EA825 LK5 | X | - | - |
| Type 95B, Macan II, from MY 2021 | | | | |
| Macan | EA888 | - | - | X |
| Macan S | EA839 LK2 | - | - | X |
| Macan GTS | EA839 LK3 | - | X | - |
| Macan Turbo | EA839 LK3 | - | X | - |
| Type 982, 718, from MY 2021 | | | | |
| 718 Boxster 718 Cayman | EA9A2 2.0 I B4T | X | - | - |
| 718 Boxster S 718 Cayman S | EA9A2 2.5 I B4T | X | - | - |
| 718 Spyder 718 GT4 | EA9A2evo 4.0L B6S | X | - | - |
| 718 Boxster GTS 4.0 718 Cayman GTS 4.0 | EA9A2evo 4.0L B6S | X | - | - |
| 718 Boxster T 718 Cayman T | EA9A2 2.0 I B4T | X | - | - |
| Type 992, Carrera, from MY 2021 | | | | |
| Carrera Carrera 4 | EA9A2evo 3.0 I B6T | X | - | - |
| Carrera S Carrera 4S | EA9A2evo 3.0 I B6T | X | - | - |
| Turbo S | EA9A2evo | X | - | - |

Legend

| Information on Porsche specifications | | | |
|---------------------------------------|----------------------|----------------------|----------------------|
| | C40 | C30 | C20 |
| Standard | VW51100 | VW50400 | VW50800 |
| Viscosity class | Multi-grade 0W-40 | Multi-grade 0W-30 | Multi-grade 0W-20 |
| Other definitions | | | |
| x | Approval | | |
| - | Not used | | |

Viscosity:

The viscosity of an engine oil is specified by the SAE viscosity class.

The first number and the letter W (winter) identify the viscosity at low temperatures. This means that an oil with the specification "5W" is more viscous than oil with the specification "0W".

The second number indicates the viscosity at high temperatures. This means that an oil with the specification "40" is less viscous than oil with the specification "50".

Multi-grade oils are identified by both viscosity specifications, e.g. SAE 0W-40, 5W-40 or 5W-50.

Examples:

SAE 0W-40 and 5W-40 oils have the same viscosity at high temperatures, but at low temperatures, the "5W" oil is more viscous.

SAE 5W-40 and 5W-50 oils have the same viscosity at low temperatures, but at higher temperatures, the oil with viscosity class "40" is less viscous.

Miscibility:

All engine oils approved by Porsche can be mixed provided they are of the same Porsche oil specification. This means that it is not necessary to flush the engine when the oil is changed if another type of oil is used. However, since every brand of oil has a specially adapted unique composition, the same brand and type of oil should be used for topping up between oil change intervals if possible.

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