

2026 TECHNICAL BULLETIN

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Category PCO HD MCO

Urgency High Medium Info Only

Subject BMW Longlife-22 FE++ and Alternate Fluid Options

Distribution Castrol Distributors
Castrol Customers
Sales
Marketing
GBS / Cust. Mgmt.
GLT Technology
Idea Factor

Technical update

Longlife-22 FE++ is a BMW passenger car motor oil specification that calls for an ultra-low 0W-12 synthetic motor oil. The Longlife-22 FE++ is required for newer BMW engines including models starting in 2023 that have the BMW B48 or B58 engine with mild-hybrid systems. Longlife-22 FE++ is not backwards compatible for use in older BMW engines.

Due to the limited availability of 0W-12 approved BMW fluids, BMW has approved the use of fluids meeting Longlife-17 FE+ (0W-20) or Longlife-01 FE (0W-30) options in vehicles that call for a Longlife-22 FE++ fluid.

Below is an example from an online BMW owner's manual confirming the use of Longlife-01 FE or Longlife-22 FE++.

Suitable engine oil types

When topping up engine oil, the following oil specification applies:

Gasoline engine

BMW Longlife-01 FE.

BMW Longlife-22 FE++.

The BMW Longlife-22 FE++ oil specification is not suitable for the 60i gasoline engine.

EDGE® Euro 0W-20 M is approved for use in Longlife-17 FE + applications and EDGE® Euro 0W-30 LL is approved for use in Longlife-01 FE applications.

To ensure use of the correct fluid for your vehicle, always check your vehicle owner's manual.

Action required.

Please review the information above and cascade as appropriate.

Any questions should be directed toward your local Castrol Sales Representative. In the event you do not have a contact please email contactus@bp.com for assistance.