



SI B11 01 13
Engine

April 2013
Technical Service

SUBJECT

N63 and N63T Engine: Engine Oil Consumption, Engine Oil Top-ups and Refill Capacity

MODEL

F01

F02

F06

F10

F12

F13

E70

E71

SITUATION

Customers with one of the vehicles above may complain that the engine's oil consumption is "too high," resulting in engine oil top-ups and workshop visits to address the issue before the vehicle displays an engine oil service as being "due."

When the vehicle's engine oil drops to the minimum level, a message will display in the vehicle advising the driver to "add 1 quart of engine oil."

After topping up and continued operation, the "add engine oil" message may display again before an engine oil service is required and performed.

CAUSE

Engines that are fitted with a turbocharger, as part of their normal operation, will consume engine oil at a higher rate than a naturally aspirated engine (non-turbocharged engine).

In this case, a "turbocharged" engine could require topping up of the engine oil more frequently.

PROCEDURE

Engine oil: Topping up

When one of the above vehicles displays a message to add **1 quart** of engine oil, BMW recommends adding **2 quarts** of engine oil instead.

The engine's oil sump design allows the additional quart; the result is a total capacity of 9.5 quarts (9.0 liters) of engine oil.

Engine oil: Maintenance services and engine repairs

When performing all future engine oil maintenance services and repairs that require draining and refilling the engine oil, the new recommended refill specification is 9.5 quarts (9.0liters) of engine oil.

The current version of the oil capacities chart, in Group 11 of the Operating Fluids Manual in TIS, has been updated as of 3/2013.

The current version of ISTA/D is not correct. The updated filling specification will be corrected in ISTA/D 2.38.

Engine Oil: E72 X6 xDrive50i Hybrid, ActiveHybrid 750i and ActiveHybrid 750Li

Important: This Service Information bulletin excludes the E72 X6 xDrive50i Hybrid, ActiveHybrid 750i and ActiveHybrid 750Li vehicles, because the hybrid engine oil pan dimensions are smaller.

WARRANTY INFORMATION

When a BMW approved repair procedure requires draining and refilling the engine oil:

- Refilling the engine oil to the new capacity is claimable with the applicable repairs that are covered under the terms of the BMW New Vehicle/SAV Limited Warranty or the BMW Certified Pre-Owned Program.
- Refilling the engine oil to the new capacity is claimable when a required engine oil maintenance service is performed under the terms the BMW Maintenance Program.
- Engine oil top-ups by themselves are not covered.

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