

R66 SERVICE LETTER SL-50

DATE: 21 January 2025

TO: R66 Owners, Operators, and Maintenance Personnel

SUBJECT: Rolls-Royce RR300 Turbine Engine Oil

BACKGROUND: R66 helicopters S/N 1438 and subsequent are factory-serviced with Mobil Jet Oil (MJO) 387 turbine engine oil, due to its superior performance (earlier production helicopters were serviced with MJO 254). Mixing of approved turbine engine oils is not recommended; refer to RR300 Series Operation and Maintenance Manual.

SUMMARY:

Only turbine engine oil per specification AS5780 HPC is approved for the Rolls-Royce RR300 engine. Refer to R66 Pilot's Operating Handbook Section 8 for approved oils.

Helicopters factory-serviced with MJO 387 turbine engine oil have F654-52 decal installed on G689-1 oil tank assembly per figure below.

Refer to service decal on engine oil tank or maintenance records when adding turbine engine oil; avoid inadvertent mixing of oils.

