

**Rolls-Royce Solutions GmbH**

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TotalEnergies Lubrifiants
Alexandros Pilichos
Le Spazio - 562 Avenue du Parc de l'Île
92029 Nanterre Cedex
FRANCE

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Date: 6 March 2025
Ref.: TQMC

Approval of Rubia Optima 1100 15W-40: Extension

Dear Mr Pilichos,

Based on the information and test results you provided, as well as our laboratory analyses, the engine oil

Rubia Optima 1100 15W-40

SAE 15W-40

which you submitted for approval meets the requirements for Oil Category 2.1 and is approved for use in all **mtu** engines (except Series 8000, 4000-04 C/R/T, 956 and 1163 TB32 Genset).

The letter of approval does not cover Series 1000, 1100, 1300, 1500, 1800 engines.

The approval is valid until

April 2027.

For an extension of this approval, please inform us at least one month before expiration of the approval period.

Please note that any modification of the engine oil will invalidate the approval in accordance with our terms of approval (MTL 5044).

Yours sincerely

Rolls-Royce Solutions GmbH

Markus Perwein
Director Methods & Laboratories
Rolls-Royce Solutions GmbH

i.V. Perwein

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Chairwoman of the Supervisory Board: Jasmin Staiblin. Domicile: Friedrichshafen. Register Court: Ulm, Nr. I No. HRB 630 227.
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