



22nd November 2018

Mr. Metzker,
Rolf Lubricant GmbH
Neur Wall 26-28
20354 Hamburg
Germany.

Dear Mr. Metzker,

Performance profile for Infineum IME1101669-U oil code

This letter is in response to your enquiry to Multisol with regards to the performance of Infineum formulation coded **IME1101669-U**. I confirm this formulation is designed as a top tier Heavy-Duty Engine oil. I also confirm that any oil, including **ROLF KRAFTON S9 M-LA 10W-40**, blended according to the approved formulation, **IME1101669-U*** will meet the Industry and OEM performance requirements and approvals listed below. Please note that this statement is no longer valid if you deviate from any part of the **IME1101669-U** formulation and/or correct blending procedures. **IMEIME1101669-U** consist of 21.20%mass of Infineum top tier heavy duty engine oil additive technology, SAE10W-40, in approved base stocks, viscosity modifier and lube oil flow improver.

- **ACEA E4-16, E6-16, E7-16, E9-16, API CJ-4**
- **MB-Approval 228.51 / 238.31/235.28, MAN M3575/M3477/M3271-1, MTU Category 2.1/3.1, Deutz DQC IV-10-LA, Scania Low Ash, and Volvo VDS-4, Renault RLD-3, Mack EO-O Premium Plus, JASO DH-2-17, Cummins CES20081, Detroit Diesel DFS93K218, Voith Retarder Class B, Caterpillar ECF-3 (self-certified)**

Infineum UK Ltd PO Box 1 Milton Hill Abingdon
Oxfordshire OX13 6BB England
Tel: (44) 01235 549500 Fax: (44) 01235 545351
<http://www.infineum.com>

* For further formulation details contact your Multisol /Brenntag representatives

Please note that above Specifications are all current and valid and therefore oil marketers are strongly recommended to apply for formal OEM approvals for their branded lubricant before making the performance claims. However, MAN will no longer issue new approvals against M3575 specification. It also should be noted that this letter is not an approval letter for your branded product.

I trust this meets your requirement. However, should you require further information and/or clarification please do not hesitate to your Multisol /Brenntag representatives.

Your's sincerely,



Dr. Ahmad Zareh

Senior Technologist,

Customer technical Service, Infineum UK

Cc: Ms. Marzia Canepa – Infineum Italy

Mr. Alexis Pabois - Multisol France

Mr. Christophe Babillon – Multisol France

Ms. Maria Yagoda – Infineum Russia

Infineum UK Ltd PO Box 1 Milton Hill Abingdon
Oxfordshire OX13 6BB England
Tel: (44) 01235 549500 Fax: (44) 01235 545351
<http://www.infineum.com>

Registered in England Number 3137282 Registered Office PO Box 1 Milton Hill Abingdon Oxford OX13 6BB