

Mercedes-Benz AG | 70546 Stuttgart

Mercedes-Benz

KENZOL MULTI INDUSTRIES FZC

53880 SHARJAH UNITED ARAB EMIRATES

T/P +49 711 17 24801 T/F +49 711 17 59756

Ihr Zeichen, Ihre Nachricht vom/ Your reference 10.11.2023 Unser Zeichen, unsere Nachricht vom/ Our reference number RD/EII-180402 Date 05.12.2023

MB-Approval Certificate - New Approval - Engine Oil - Reblend MB-Approval 229.3 for: "KENZOL SYN-X SAE 5W-30 API SN"

Oil-Code: 0012023314, SAE-Grade: 5W-30

Reblend to OR-F72869Q-A with Oil-Code: OR-F72869Q-A

Supplier: Chevron Oronite S.A.S.

Dear Sir or Madam,

The aforementioned operating fluid complies with the requirements of the Mercedes-Benz Specifications for Operating Fluids, sheet 229.3 and is therefore approved for the respective Mercedes-Benz vehicles and assemblies. The application range is shown on the MB sheet and further defined on the sheet 223.2. Further requirements, e.g. SAE grades, capacities, change intervals etc. must also be observed.

The following regulations apply for the MB-Approval:

- The MB-Approval comes into force on the date shown on this certificate
- The MB-Approval will expire in 5 years at the latest
- The MB-Approval automatically terminates on expiry of the validity period at the latest
- The MB-Approval is only valid as long as the product name is listed on the Mercedes-Benz Operating Fluids website <a href="https://operatingfluids.mercedes-benz.com">https://operatingfluids.mercedes-benz.com</a>
- Applications for renewals or new approvals etc. must be made in good time
- In addition, the regulations laid down in the current "Obligations Regarding Approval for Operating Fluids" contract apply.

A 2-liter back-up sample of each formulation, which can be called upon by Mercedes-Benz AG at any given moment, must be retained. We will inform you of the dispatch address.

Sincerely Mercedes-Benz AG

i.V. Fritz Kreitmann

i.V. Dr. Jochen Betsch

Mercedes-Benz AG | 70546 Stuttgart | T/P +49 711 17 0 | T/F +49 711 17 2 22 44 | dialog.mb@mercedes-benz.com | www.mercedes-benz.com

Mercedes-Benz AG, Stuttgart, Germany | Sitz und Registergericht/Domicile and Court of Registry: Stuttgart, HBR-Nr./Commercial Register No.: 76 2873 Vorsitzender des Aufsichtsrats/Chairman of the Supervisory Board: Bernd Pischetsrieder Vorstand/Board of Management: Ola Källenius, Vorsitzender/Chairman; Jörg Burzer, Renata Jungo Brüngger, Sabine Kohleisen, Markus Schäfer, Britta Seeger, Hubertus Troska. Harald Wilhelm





Dr. Ing. h.c. F. Porsche Aktiengesellschaft · Postfach 1140 · D-71283 Weissach

Kenzol Multi Industries FZC. Attn. Mr. Ravi Ramchandani Phase 2 - Hamriyah Free Zone P.O.Box 53880 Sharjah UAE

Dr. Ing. h.c. F. Porsche Aktiengesellschaft

Porschestraße 911 D - 71287 Weissach

+49 (0) 711 / 911 - 84310 Telefax +49 (0) 711 / 911 - 82147 Email hans-peter.deeg@porsche.de

Our reference

EHH5 / DG / rkl October 23, 2023

#### **Motor Oil Approval** (993/94-023)

Porsche Reference No.	2023/10/1784		
Oil company	Kenzol Multi Industries FZC		
Oil product name	KENZOL SYN-X SAE 5W-40 API SN/CF		
SAE viscosity	5W-40		
Oil code	Pc022023145		
Start of approval	October 23, 2023		
End of approval	January 31, 2026		
Marketing area	Worldwide		

Dear Mr. Ramchandani,

Based on the information given by your company and our analysis, Porsche is giving its approval according to the Porsche oil category "A40" (currently valid for petrol engines in accordance with the Owner's Literature) to your motor oil KENZOL SYN-X SAE 5W-40 API SN/CF. We will include your motor oil in the next issue of our "Technical Information Motor Oil".

This approval will expire on January 31, 2026, if no extension is requested before in good time. This approval will expire before the end of the above mentioned period. If the approved formulation is changed or if negative fields results are recorded or for any reason if Porsche deems it necessary.

You may inform your customers about this approval (Porsche "A40") in a descriptive, non-advertising manner in neutral typeface not larger than the one that is used to express the fulfilment of other manufacturers' specifications. Any further reference to Porsche or the use of the crest and logotype of Porsche is strictly prohibited.

Yours sincerely,

i. V. A. Weyland

Dr. Ing. h.c. F. Porsche Aktiengesellschaft Combustion Engine and Hybrid Powertrain

Weyland Axel VWPKI Weyland Axel VWPKI 5E236822FC32D65A 5E236822FC32D65A Datum: 2023.11.08 12:57:33

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VWPKI 7BE125093B05124 Datum: 2023.10.23

Deeg Hans-Peter | Digital unterschrieben von Deeg Hans-Peter VWPKI 7BE125093B051246 18:00:29 +02'00'

i. A. H.-P. Deeg

cc: PEG-V

We are pointing out that this letter only addresses whether product reviewed meets the Porsche standards. We do not address or express any view on compliance with national chemical inventories, the marketability in any sales market or the compliance with local chemical substances laws or other applicable laws. Responsibility for compliance with such legal requirements falls to the engine oil maker, importer, or distributor.

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## DAIMLER TRUCK

Daimler Truck AG, PO Box 10 01 54, 70745 Leinfelden-Echterdingen, Germany



KENZOL MULTI INDUSTRIES FZC Hamriyah Free Zone Phase 2 00000 SHARJAH UNITED ARAB EMIRATES

> Telefon / Phone +49 7 11 84 85-0

Hauspost-Code / Internal Code

Ihr Zeichen, Ihre Nachricht vom / Your reference Unser Zeichen, unsere Nachricht vom / Our reference

Name E-Mail

frs@daimlertruck.com

15.05.2024

Datum / Date

06.10.2023

TT/XEV-510789

**DTFR-Certificate** - New Approval - Engine Oil - Reblend DTFR 15B110 for: "KENZOL TURBO X1 SAE 15W40 API CI-4"

Oil-Code: 001-2023-001, SAE-Grade: 15W-40

Reblend to IME1902718-A with Oil-Code: IME1902718-A

Supplier: Infineum UK Limited

Dear Sir or Madam,

The aforementioned operating fluid complies with the requirements of the Daimler Truck Specifications for Operating Fluids, sheet DTFR 15B110 and is therefore approved for the respective Mercedes-Benz-Trucks vehicles and assemblies. The application range is shown and further defined on the sheet DTFR 15A100. Further requirements, e.g. SAE grades, capacities, change intervals etc. must also be observed.

The following regulations apply for the DTFR (Daimler Truck Fluid Release):

- The DTFR comes into force on the date shown on this certificate
- The DTFR will expire in 5 years at the latest
- The DTFR automatically terminates on expiry of the validity period at the latest
- The DTFR is only valid as long as the product name is listed in Mercedes-Benz-Truck BeVo-ONLINE: <a href="http://bevo.mercedes-benz-trucks.com">http://bevo.mercedes-benz-trucks.com</a>
- Applications for renewals or new approvals etc. must be made in good time
- In addition, the regulations laid down in the current "Obligations Regarding Approval for Operating Fluids" contract apply.

A 2-liter back-up sample of each formulation, which can be called upon by Daimler Truck AG at any given moment, must be retained for at least 3 years. We will inform you of the dispatch address.

Sincerely
Daimler Truck AG

i.V. Gilles Fédacou

i.V. Dr. Peter Kožuch



**SAIL - Services to Associations and Industry in the Lubricants sector** 40 Rue Belliard 1040 Brussels Belgium

# **EELQMS LETTER OF CONFORMANCE**Confirmation of valid registration until 31.12.2024

Hereby SAIL confirms that **KENZOL MULTI INDUSTRIES ZC** hereinafter referred to as "The Company", with address at **HAMRIYAH FREE ZONE PHASE - 2, PTC 18,19, 00000 SHARJAH, AE** has paid the annual fee for the EELQMS Letter of Conformance program for the actual registration period ending at 31<sup>st</sup> December 2024.

By submitting the Letter of Conformance, registering the company information on the website and payment of the fee, the Company is entitled to claim ACEA specifications.

The company name is listed in the SAIL List of Participants in the EELQMS which will be made available by SAIL to any interested party and published on the SAIL website www.sail-europe.eu

Participation in the European Engine Lubricant Quality Management System (EELQMS) implies a commitment to develop and manufacture those engine lubricants for which compliance with ACEA Oil Sequences will be claimed, or to have such engine lubricants developed or blended by third parties, in accordance with the guidelines, described in the ATIEL Code of Practice, as well as a commitment to ensure an independent audit of the development and manufacturing process.

The commitments referred to apply to the brands in the following list, owned or managed by The Company that make ACEA claims: *Kenzol* 

SAIL assumes no responsibility for the implementation by the Company of its obligations, as defined in the Letter of Conformance, or for any damage that a breach thereof may cause to third parties.

SAIL cannot be held responsible for any claims resulting from inclusion and non-inclusion of the entity. SAIL also declines any responsibility with regard to the external audit procedure, which belongs to the domain of the relevant auditor

Michael Boyer SAIL Administrator



#### STD 417-0003 approval

Company name: KENZOL MULTI INDUSTRIES FZC

Product name: KENZOL TURBO-SDT DIESEL ENGINE OIL SAE 15W-40 CK-4

Oil code(s): IME1808373-A Viscosity grade: SAE 15W-40

Volvo VDS-4.5 approval	Yes
Mack EOS-4.5 approval	Yes
Renault Trucks RLD-3 approval	Yes

**Approval date:** November 13, 2023 **Approval #:** 417-0003-23-1569

**Validity:** Approval expires two years after the approval date.

For approval extension, a complete and updated approval form must be

submitted at the expiry date ± two months.

Approval: Approved



Volvo Group Trucks Technology

<u>Disclaimer:</u> This approval is solely based on information submitted by the applicant and no further quality check is made by Volvo. Hence, Volvo takes no responsibility to ensure that the quality of this product is continuously maintained. This is the sole responsibility of the Company (see above).



Volvo Group Trucks Technology

#### STD 417-0002 approval

Company name: KENZOL MULTI INDUSTRIES FZC
Product name: KENZOL TURBO X1 SAE 15W-40 CI-4

Oil code(s): LBB 17832-A Viscosity grade: 15W-40

Volvo VDS-3 approval	Yes
Mack EO-N approval	Yes
Renault VI RLD-2 approval	Yes

**Approval date:** May 2, 2023 **Approval #:** 417-0002-23-2302

**Validity:** Approval expires two years after the approval date.

For approval extension, a complete and updated approval form must be

submitted at the expiry date ± two months.

Approval: Approved



Volvo Group Trucks Technology

<u>Disclaimer:</u> This approval is solely based on information submitted by the applicant and no further quality check is made by Volvo. Hence, Volvo takes no responsibility to ensure that the quality of this product is continuously maintained. This is the sole responsibility of the Company (see above).



License No: 3786

#### **SCHEDULE A - LICENSE AGREEMENT**

The marks referred to and licensed under the Agreement between API and KENZOL MULTI INDUSTRIES FZC.

may be used through 31-Mar-2025 are as follows:

#### **API SERVICE SYMBOL**

Licensee is authorized to display the API Certification Mark on the following products:



BRAND NAME	SAE VISCOSITY GRADE	API SERVICE CATEGORY	CLASSIFICATION
KENZOL SYN-PRO	0W-20	SN	SN PLUS
KENZOL TURBO-SDT	10W-40	CK-4	CI-4 PLUS
KENZOL TURBO-SDT	15W-40	CK-4	CI-4 PLUS
KENZOL POWER	20W-50	SL	
KENZOL POWER	20W-50	SJ	
KENZOL SYN - MAX	0W-20	SP	Resource Conserving, SN PLUS
KENZOL SYN - MAX	5W-20	SP	Resource Conserving, SN PLUS
KENZOL SYN - MAX	5W-30	SP	Resource Conserving, SN PLUS
KENZOL SYN - MAX	5W-40	SP	Resource Conserving, SN PLUS
KENZOL SYN-PRO	5W-20	SN	SN PLUS
KENZOL SYN-PRO	5W-30	SN	SN PLUS
KENZOL SYN-PRO	5W-40	SN	SN PLUS
KENZOL SYN-TEC	0W-20	SN	
KENZOL SYN-TEC	0W-30	SN	
KENZOL SYN-TEC	5W-30	SN	
KENZOL SYN-TEC	5W-40	SN	
KENZOL SYN-X	5W-20	SN	
KENZOL SYN-X	5W-30	SN	Resource Conserving
KENZOL SYN-X	10W-30	SN	
KENZOL SYN-X	10W-40	SN	
KENZOL SYNX	5W-40	SN	
KENZOL TURBO - SYN	15W-40	CJ-4	CI-4 PLUS

ERICAN PETROLEUM INSTITUTE

SAF

Engine Oil Licensing and Certification System

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Manager - EOLCS/DEF/MOM

Date: 15-Mar-2024



License No: 3786

#### **SCHEDULE A - LICENSE AGREEMENT**

The marks referred to and licensed under the Agreement between API and KENZOL MULTI INDUSTRIES FZC.

may be used through 31-Mar-2025 are as follows:

#### **API SERVICE SYMBOL**

Licensee is authorized to display the API Certification Mark on the following products:



BRAND NAME	SAE VISCOSITY GRADE	API SERVICE CATEGORY	CLASSIFICATION
KENZOL TURBO X1	15W-40	CI-4/SL	
KENZOL TURBO X1	20W-50	CI-4	
KENZOL TURBO X2	15W-40	CH-4	
KENZOL TURBO-SDT	5W-30	CK-4	CI-4 PLUS
KENZOL TURBO-SYN	5W-30	CJ-4	CI-4 PLUS
KENZOL TURBO-SYN	5W-40	CJ-4	CI-4 PLUS
KENZOL ULTRA	10W-30	SN	
KENZOL ULTRA	10W-40	SN	



/IERICAN PETROLEUM INSTITUTE

SAF

Engine Oil Licensing and Certification System

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Manager - EOLCS/DEF/MOM

Date: 15-Mar-2024





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# **KENZOL MULTI INDUSTRIES FZC**

PLOT NO. PTC-19, PO BOX NO. 53880, HAMRIYAH FREE ZONE SHARJAH-UAE

Standard



# ISO/IEC 17025 TESTING AND CALIBRATION LABORATORIES

Absolute Bureau of Certification & Inspection LLC assessed and approved that related firm meets the requirements for the designated standard at related scope

Tye Of Activity: Chemical Testing

Type Of Materials/Products: Petroleum Products

#### Test Name & Test Method:

- 1. Determination of ASTM Color Of Petroleum Products. (ASTM D1500)
- 2. Determination of Base Number by Potentiometric Perchloric Acid Titration. (ASTM D2896)
- 3. Determination of Density, Relative Density, API Gravity of Crude Petroleum and Liquid Petroleum Products by Hydrometer Method. (ASTM 1298)
- 4. Determination of Apparent Viscosity of Engine Oils and Base Stocks Between −10°C and −35°C Using Cold-Cranking Simulator. (ASTM 5293)
- 5. Determination of Kinematic Viscosity at 40°C and 100°C. (ASTM D445
- 6. Determination of Pour Point of Petroleum Products. (ASTM D97)
- 7. Determination of Foaming Characteristics of Lubricating Oils. (ASTM 892)
- 8. Determination of Flash Point Using (ASTM D92)
- 9. Determination of Sulphate Ash Using. (ASTM D874)

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Page No: 02/04

# **KENZOL MULTI INDUSTRIES FZC**

PLOT NO. PTC-19, PO BOX NO. 53880, HAMRIYAH FREE ZONE SHARJAH-UAE

Standard



# ISO/IEC 17025 TESTING AND CALIBRATION LABORATORIES

Absolute Bureau of Certification & Inspection LLC assessed and approved that related firm meets the requirements for the designated standard at related scope

Tye Of Activity: Chemical Testing

Type Of Materials/Products: Petroleum Products

#### Test Name & Test Method:

- 10. Determination of Viscosity Index. (ASTM D2270)
- 11. Determination of Copper Corrosion. (ASTM D130/18a)
- 12 Determination of Specific Gravity. (ASTM D4052/18a)
- 13. Determination of Total Acid Number. (ASTM 664)
- 14. Determination of Water Content. (ASTM D95/13el)
- 15. Determination of Brookfield Viscosity @-40°C. (ASTM D2983)
- 16. Determination of Spindle Speed. (ASTM D2983)
- 17. Determination of Potential of Hydrogen. (ASTM D1287)
- 18. Determination of Equilibrium Reflex Boiling Point (ERBP). (ASTM D1120)
- 19. Determination of Wet Equilibrium Reflex Boiling Point (WERBP). (ASTM D1120)
- 20. Determination of Dropping Point. (ASTM D566)





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## **KENZOL MULTI INDUSTRIES FZC**

PLOT NO. PTC-19, PO BOX NO. 53880, HAMRIYAH FREE ZONE SHARJAH-UAE

Standard



# ISO/IEC 17025 TESTING AND CALIBRATION LABORATORIES

Absolute Bureau of Certification & Inspection LLC assessed and approved that related firm meets the requirements for the designated standard at related scope

Tye Of Activity: Petroleum Chemistry

Type Of Materials/Products: Engine Oil Lubricants

#### Test Name & Test Method:

- 1. Standard Test Method for Ash from Petroleum Products. (ASTM D482)
- 2. Standard Test Method for Corrosiveness to Copper from Petroleum Products by Copper Strip Test. (ASTM D130)
- 3. Standard Test Method for Insolubles in Used Lubricating Oils (pentane and toluene)(ASTM D893)
- 4. Standard Test Method for Multielement Determination of Used and Unused Lubricating Oils and Base Oils by Inductively Coupled Plasma Atomic Emission Spectrometry. (Tid, Cadmium, Silver, Titanium, Vanadium, Zinc, Sodium Potassium, Magnesium Manganese, Barium and Calcium). (ASTM 5185)
- 5. Standard Test Method for Multielement Determination of Used and Unused Lubricating Oils and Base Oils by Inductively Coupled Plasma Atomic Emission Spectrometry. (Molybdenum, Boron, Barium, Calcium). (ASTM D5185)
- 6. Standard Test Method for Water Separability @54°C. (ASTM D1401/19)

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# Certificate

Client name and address

Page No: 04/04

# **KENZOL MULTI INDUSTRIES FZC**

PLOT NO. PTC-19, PO BOX NO. 53880, HAMRIYAH FREE ZONE SHARJAH-UAE

Standard



# ISO/IEC 17025 TESTING AND CALIBRATION LABORATORIES

Absolute Bureau of Certification & Inspection LLC assessed and approved that related firm meets the requirements for the designated standard at related scope

Tye Of Activity: Petroleum Chemistry

Type Of Materials/Products: Engine Oil Lubricants

#### Test Name & Test Method:

- 7. Standard Test Method for Air Release. (ASTM D3427/19)
- 8. Standard Test Method for Rust Prevention. (ASTM D665/19)
- 9. Standard Test Method for Work Penetration 25°C. (ASTM D217)
- 10. Standard Test Method for Water Wash Out. (ASTM D1264)
- 11. Standard Test Method for 4-Ball Weld Load, Kg. (ASTM D2596)
- 12. Standard Test Method for Oil Seperation, Mass%. (ASTM D1742)

Initial issue date: 12 August, 2022

Issue date of this certificate: 12 August, 2022 Validity of this certificate: 11 August, 2025 Recertification date: 11 August, 2025 Certificate No: TNCL2201KMIAE21 Manager of System Certification

Absolute Bureau of Certification & Inspection LLC is accredited by United States Accreditation Services (USAS)-United States of America

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## **KENZOL MULTI INDUSTRIES FZC**

PLOT NO. PTC-19, PO BOX NO. 53880, HAMRIYAH FREE ZONE SHARJAH-UAE

Standard



ISO 9001:2015

**Quality Management System** 

Absolute Bureau of Certification & Inspection LLC assessed and approved that related firm meets the requirements for the designated standard at related scope

Scope

MANUFACTURING OF LUBRICANTS IMPORT, EXPORT AND TRADING OF PETROLEUM PRODUCTS, PETROCHEMICALS AND ADDITIVES BASE OIL, POLYMERS AND PACKAGING MATERIALS

Initial issue date: 25 May, 2019

Issue date of this certificate: 24 May, 2022 Validity of this certificate: 23 May, 2025 Recertification date: 23 May, 2025 Certificate No: QMS9102Kl52



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## **KENZOL MULTI INDUSTRIES FZC**

PLOT NO. PTC-19, PO BOX NO. 53880, HAMRIYAH FREE ZONE SHARJAH-UAE

Standard



ISO 14001:2015 Environmental Management System

Absolute Bureau of Certification & Inspection LLC assessed and approved that related firm meets the requirements for the designated standard at related scope

Scope

MANUFACTURING OF LUBRICANTS IMPORT, EXPORT AND TRADING OF PETROLEUM PRODUCTS, PETROCHEMICALS AND ADDITIVES BASE OIL, POLYMERS AND PACKAGING MATERIALS

Initial issue date: 25 May, 2019

Issue date of this certificate: 24 May, 2022 Validity of this certificate: 23 May, 2025 Recertification date: 23 May, 2025 Certificate No: EMS9102Kl52



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# **KENZOL MULTI INDUSTRIES FZC**

PLOT NO. PTC-19, PO BOX NO. 53880, HAMRIYAH FREE ZONE SHARJAH-UAE

Standard



ISO 45001:2018

Occupational Health & Safety Management Systems

Absolute Bureau of Certification & Inspection LLC assessed and approved that related firm meets the requirements for the designated standard at related scope

Scope

MANUFACTURING OF LUBRICANTS IMPORT, EXPORT AND TRADING OF PETROLEUM PRODUCTS, PETROCHEMICALS AND ADDITIVES BASE OIL, POLYMERS AND PACKAGING MATERIALS

Initial issue date: 25 May, 2019

Issue date of this certificate: 24 May, 2022 Validity of this certificate: 23 May, 2025 Recertification date: 23 May, 2025 Certificate No: OHS9102Kl52



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Office: 1101 Brickell Ave, Miami, Florida-33231, United States of America







13th July 2022

Mr Ravi Ramchandani Kenzol Multi Industries LLC P.O. Box 53880 Sharjah, UAE

Dear Mr. Ramchandani

#### Performance profile for Infineum D3451 Additive Technology

This letter is in response to your enquiry to Multisol with regards to the performance of Infineum D3451 additive technology. I confirm that Infineum D3451 is an additive technology designed for mainline Heavy-Duty Engine Oils. Any oil blended according to the approved formulation, IME1101996-A\*, 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 IME1101996-A formulation and/or correct blending procedures. IME1101996-A consist of Infineum D3451 at a treat rate of 11.9%mass, SAE15W-40, in approved base stocks, viscosity modifier and lube oil flow improver.

- API CI-4/SL, ACEA E7
- MB-Approval 228.3, MAN M3275-1\*\*, MTU Category 2 and Volvo VDS-3, Renault RLD-2, Mack EO-M Plus and Caterpillar ECF-2\*\*\*

Please note that above Specifications (except MAN M3275-1) are all current and valid and therefore oil marketers are strongly recommended to apply for formal OEM

<sup>\*</sup> For further formulation details contact your Multisol /Brenntag representatives

<sup>\*\*</sup> Please note that MAN no longer grants new approvals against MAN M3275-1 specification.

<sup>\*\*\*</sup> Caterpillar doesn't not issue formal approvals, therefore, EFC-2 is a self-certified claim

approvals for their branded lubricant before making the performance claims. 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 contact me or your Multisol /Brenntag representatives.

Your's sincerely,

Dr. Ahmad Zareh

Senior Technologist,

Customer technical Service, Infineum UK

Cc: Mr Francesco Ragazzi – Infineum Italy

Mr Sif Eddine Hafidi – Multisol France