



EELQMS QUALITY MANAGEMENT SYSTEM

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ACEA European Oil Sequences cover light duty passenger cars & heavy-duty trucks. The ACEA Oil Sequences are updated regularly and can be found at <https://www.acea.auto/publication/acea-oil-sequences-2021> for ACEA sequences for light duty vehicles and at <https://www.acea.auto/publication/acea-oil-sequences-2022/> for heavy duty vehicles.

The current issue of the Oil Sequences for light duty engines is ACEA 2021, released 30 April 2021. Oils for light duty engines with claims against 2016 Sequences may be marketed until 1 May 2023. The 2012 and all other previous ACEA Sequences are obsolete.

The current issue of the Oil Sequences for heavy duty trucks is ACEA 2022, released 1 May 2022. Oils for heavy duty engines with claims against 2016 Sequences may be marketed until 1 May 2024. The 2012 and all other previous ACEA Sequences are obsolete.

All lubricant marketers are responsible for all aspects of product liability when making ACEA claims.

ATIEL Compliance Policy encourages greater compliance across the industry through continuous monitoring of lubricant quality in the market and exchange of information and technical data that supports education of lubricant marketers.

ATIEL quality surveys have become an ongoing activity and a core part of ATIEL's Quality Management Committee's initiatives.

We have found that most failures on the market is due to incompatible combined claims e.g. A3/B4, C3. The other failures include TBN, Sulphated ash, NOACK, HTHS, Phosphorus, MRV and CCS.

The present Newsletter highlights findings from the quality surveys and is aimed at preventing failures cases in the future.



CASE STUDY 1

Problem

- One or more **physical and/or chemical** parameter of blended oil out of specs although oil blended according to approved formulation provided by technology supplier with no mistake in raw material performance and dosage when blending

Explanation

- Possible mistake in the documentation provided by the technology supplier

What should I do if observed that case within my products range ?

- Withdrawn incorrect oil production batches from the market
- Contact technology supplier
- Check formulation meets all requirements in laboratory scale blend before further production

CASE STUDY 2

Problem

- Invalid multiple categories claims representation on label

Explanation

- When You going to claim **more than one** of A3/B3, A3/B4, A5/B5, C2, C3, C4, C5, C6, E4, E6, E7, E9 categories on the same label each of them should be separated by the comma. Example: "**A3/B3/E7**" is **not valid** multiple categories claim while "A3/B3, E7" is valid multiple categories claim

What should I do if observed that failure within my products range ?

- Correct labels for next production batch



You can contact ATIEL

Christine Marlet
Rue Belliard, 40
1040 Brussels
Belgium
Tel : +32 470 06 20 04
E-mail : info@eelqms.eu
Website: <https://www.atiel.org>
EELQMS website : <https://www.eelqms.eu/>

