



Regulatory Advisory

Revised January 2011



TRU Advisory: 08-14 GTL Synthetic Diesel Fuel

The purpose of this advisory is to clarify that Gas-to-Liquid (GTL) synthetic diesel fuel cannot be used to comply with the TRU ATCM. As of this update, **GTL has not been verified as a diesel emission control strategy and cannot be used as an Alternative Technology under the TRU ATCM.**

Background

The Transport Refrigeration Unit (TRU) Airborne Toxic Control Measure (ATCM) (title 13 California Code of Regulations (13 CCR), section 2477) requires owners to bring their TRU and/or TRU generator set¹ (genset) engines into compliance with in-use performance standards. There are two levels of stringency for these in-use performance standards. The Low-Emission TRU In-Use Performance Standard (LETRU) reduces diesel particulate matter (PM) by at least 50 percent. The Ultra-Low-Emission TRU In-Use Performance Standard (ULETRU) reduces diesel PM by at least 85 percent. In-use performance standard compliance dates are phased in, based on the engine model year (MY).²

Alternative Technologies can be used to meet the LETRU and ULETRU In-Use Performance Standards if diesel PM emissions are eliminated while at all distribution facilities³. The TRU ATCM allows compliance to be achieved if the TRU is fueled exclusively with an alternative diesel fuel that has been verified by ARB as a VDECS⁴, provided the alternative diesel fuel contains no conventional diesel fuel or CARB diesel fuel.

As stated above, **GTL synthetic diesel fuel has not been verified as a VDECS and therefore cannot be used as an Alternative Technology compliance option for the TRU ATCM.**

For more information

To obtain a copy of the regulation or other related compliance assistance documents, visit the TRU website at <http://www.arb.ca.gov/diesel/tru/tru.htm>. Additional questions may be addressed by calling the toll-free TRU Help Line at 1-888-878-2826 (1-888-TRU-ATCM).

If you require special accommodation or language needs, please call 1-888-878-2826 or email tru@arb.ca.gov. TTY/TDD/Speech users may dial 711 for a California Relay Service.

¹ Hereinafter, the use of the term TRU also indicates TRU generator sets, unless otherwise specified.

² See the compliance schedule at the TRU Website at: <http://www.arb.ca.gov/diesel/tru/tru.htm>.

³ Ref. 13 CCR, section 2477 (e)(1)(A)3.

⁴ VDECS stands for Verified Diesel Emissions Control Strategy.

