KENWORTH
A PACCAR COMPANY

Technical Information Bulletin

E203

Section

Fuel - 44

Subject

PACCAR MX Engine Cold Weather Fuel Additives

Release Date

2/12/2018

Condition

Fuel gelling

Chassis Affected

Vehicles with PACCAR MX-11 and MX-13 engines operating in cold environments that may create fuel gelling issues.

Action

INFORMATION ONLY

This is PACCAR's official position on the use of cold weather fuel additives for PACCAR MX engines (see Background section below).

Background

PACCAR does not endorse any particular fuel additives. Due to the sheer number of additives on the market, it is impossible to test and certify every one of them.

Additives should have a statement that says it is compatible with ULSD (ultra-low sulfur diesel) fuel and Aftertreatment systems.
Use ULSD compatible additives only when necessary.

Additives that are not ULSD compatible can affect aftertreatment performance and longevity.

The following statement is from the PACCAR MX-13 and MX-11 Engine Operator's Manuals:

Recommendations to Avoid Fuel Gelling

Information to prevent fuel gelling.

- Use appropriate fuel grade/blend for conditions.
- Specify vehicle with proper cold weather equipment (12v electric pre-heater, fuel blending valve, fuel coolant heater, 12v line heaters and tank heaters).
- PACCAR does not recommend the use of fuel additives, however, should a customer decide there is a need for temporary use of a winter fuel additive, PACCAR offers the following guidance:
  - Use an industry known, high quality product (EPA approved).
  - Only use the additive for the minimum time needed.
  - Follow additive manufacturer's instructions exactly.
  - Refuel with proper grade fuel as soon as possible.

Additives should only be used per manufacturer's recommended mix ratios. Adding more than necessary can cause harm to fuel and aftertreatment systems, which is not covered by warranty.

Authored by: OF

Access to PACCAR's Enterprise Portal is provided as a benefit of doing business with PACCAR. All applications and content accessed through this system are confidential and proprietary and the property of PACCAR Inc and its suppliers, and must be kept strictly confidential pursuant to the contract licensing such access. Disclosure, publication, release or distribution of any material found on PACCAR systems to any person other than employees with a need to know such information is strictly prohibited. All activity on this system is monitored. If PACCAR suspects or discovers any unauthorized activity, access may be immediately terminated without prior notification. Violators may be subject to legal action.

© Copyright 2018 PACCAR Inc. All rights reserved. We welcome your feedback on this page. For technical questions or concerns about this page, please contact the DealerNet Webmaster.