



Powertrain

TEBOIL LLK FINLAND OY
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FINLAND

Attention de Mr T LUTHANEN

Date: 15.08.2011
Réf.: Hubert.OGIER

Subject: Lubricant specifications for RENAULT TRUCKS engine

Dear Sir,

Further to your letter dated 22.07.2011, we have understood your intention to announce that some lubricants from your product range, as listed below, meet our latest lubricant specifications for Diesel Euro 2 / Euro 3/ Euro4 and Euro 5 engines, described in latest technical bulletin Nr.B0032/11 January 2011.

TEBOIL SUPER XLD-2

5W30

Level RXD

You will find RENAULT TRUCKS requirements below with the minimum mandatory performance levels to meet to achieve :

| <i>Spécifications RENAULT TRUCKS</i> | | <i>Lubrifiants préconisés RENAULT-TRUCKS-OILS</i> |
|---|---------------------|--|
| RD/RD-2 | Renault Drain | Maxima RD ECO 15W30 Maxima RD 15W40 |
| RLD/RLD-2 | Renault Long Drain | Maxima RLD ECO 15W30 Maxima RLD 15W40 |
| RXD | Renault Extra Drain | Extensia RXD ECO 5W30 Extensia RXD 10W40 |
| RGD | Renault Gaz Drain | Maxima gaz 7 15W40 |

Principal supplier to Mack, Renault and Volvo Commercial Vehicles

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RENAULT TRUCKS SAS au capital de 50.000.000 d'euros 954 506 077 RCS LYON

RD/RD-2 specification defines an engine oil meeting at least *ACEA E3-96 issue 4* classification +VDS-2.

RLD/RLD-2 specification defines an engine oil meeting at least ACEA-E7-04 classification+VDS-3.

RXD specification defines an engine oil meeting at least ACEA E4 +E7 classification +VDS-3.

RLD-3 specification defines an engine oil meeting at least ACEA-E9-08 classification +VDS-4.

RGD specification defines a specific lubricant for gas engines that meet the following requirements:

ACEA –E6 level+ VDS3 (excluding engine tests)
TBN > 8
Sulphated ash \leq 1%

With these different claims **RD/RD-2**, **RLD/RLD-2**, **RXD**, **RLD-3** and **RGD**, lubricants can only be offered to RENAULT TRUCKS end users under the full responsibility of your company distributing these lubricants.

In addition, the technical data sheet of each product displaying RENAULT TRUCKS RLD/RLD-2 –RLD-3 or RXD, shall include :

- ACEA classification,
- Satisfactory MACK T12. test

Remaining at your disposal, please accept, dear Sir, our best regards.

P/RENAULT TRUCKS
Responsible
Assistance Technique

P/RENAULT TRUCKS
Recherche et
Développement Moteurs

JP.ROBERT



H.OGIER

