

VOLVO

Powertrain

LUKOIL LLK INTERNATIONAL
6MALAYA YAKIMANKA
119180 MOSCOW
RUSSIA

Attention :A KOCHENOVA

Date: 14.04.2010
Réf.: Hubert.OGIER

Subject: Lubricant specifications for RENAULT TRUCKS engine

Dear Sir,

Further to your letter dated 17.04.2010, 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.B0032/10 September 2009.

LUKOIL AVANTGARDE PROFESSIONAL 10W40 Level RLD-2/RXD
(reblend of formulation confidential)

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

Spécifications RENAULT TRUCKS		Lubrifiants préconisés RENAULT-TRUCKS-OILS
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

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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 = 6/8
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

