



Volvo Technology Corporation
Fuels and Lubricants

VDS-3 approval request

Data supplied by requesting company

Brand name:	MINERVA MULTI DIESEL TD SAE 15W-40
Oil code:	OR-F56659DB
Viscosity grade:	15W-40
Marketing company:	MINERVA OIL
Marketing area:	
Core DI (%):	OLOA® 59770 12,9%
Booster 1 (%):	
Booster 2 (%):	
Viscosity modifier:	PT 8006 7,10% - PPD 0,3%
Base oil 1	ExxonMobil 150N (Grp I) 62,17%
Base oil 2	ExxonMobil 600N (Grp I) 17,53%
Other approvals:	
ACEA	E7-04
API	CI-4, SL
OEM	MB228,3;MTU Type 2; MAN M3275;Cummins CES 20078 RVI RLD-2; MACK EO-M Plus

Date 12-Mar-09

Submitted by
MINERVA OIL
Laurent Marginier

Return approval to:

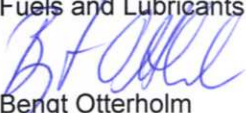
Name: Laurent Marginier
Fax #: 33 5 55 09 95 80
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Volvo response

Approved (yes/no): Yes

Approval date: March 26th, 2009 Approval # VDS3-09-1020

Validity Two years from date above
Reapproval needed by March 26 - May 26, 2011.

Signed Volvo Technology Corporation
Fuels and Lubricants

Bengt Otterholm
Lubricants Coordinator