

# **VOLVO PENTA**

**Volvo Penta Europe Office East**

Tribuswinkel 31.10.2012

## **ROSENBAUER International AG**

Paschniger Str. 90;  
4060 Leonding, Austria

### **CLARIFICATION VOLVO D16 Engines Model TAD1662VE EU V**

#### **To whom it may concern!**

VOLVO EURO V certified engines fully meet the design emission regulations when diesel fuels according to EN590 or ASTM D975 (D-1&D-2) or JIS KK2204 with sulphur content not higher than 3000 ppm are being used.

When diesel fuels with higher sulphur content is used, exhaust emissions may vary from the design emission certification.

There is no restriction of using diesel fuel with higher sulphur content than 3000 ppm if the following is observed by the operator:

- the engine lubrication oils used under such conditions should be at least VDS3 (Volvo Standard), ACEA E7 (European Standard) or API CI-4 (American Standard) quality
- oil change and oil-filter replacement intervals need to be improved according to the service instruction.
- the engine back pressure should be monitored in the vehicle control system
- all standard service/maintenance instructions should be fulfilled

**VOLVO PENTA AB**  
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with the best regards

VPEE director  
Marek Tunski