



**MAINTENANCE
INFORMATION**

MI18-02

DATE :	April 2018	SECTION :	24 LUBRICATION
SUBJECT :	ENGINE OIL & FILTER CHANGE INTERVALS - VOLVO D13 ENGINE, FROM US10		

First Release

APPLICATION

Model	VIN
H3-41, H3-45 coaches Model Year : 2011 up	From 2PCH33496 <u>BC71 1721</u>
X3-45 coaches X3-45 VIP commercial use XLII-45 Entertainer Model Year : 2011 up	From 2PCG33491 <u>BC73 5002</u>

DESCRIPTION

The Volvo VDS-4.5 oil quality has been developed for US2017/GHG17 engines. It has improved oxidation and thermal stability compared to VDS-4.

Compared to older American Petroleum Institute (API) CJ-4 engine oils, Volvo VDS-4.5 delivers:

- better wear protection
- higher oxidation resistance
- better high-temperature viscosity control

These oils fulfill API CK-4 and are fully backwards compatible and can be used for all previous engine generations.

Due to the improved performance of Volvo VDS-4.5 specification motor oils, engine oil drains have been extended for US10 generation engines and newer generations.

MATERIAL

Part No.	Description
VPO98KQ87	VOLVO PREMIUM MOTOR OIL VDS-4.5 10W-30 Case 4x1 GAL

OPERATING CONDITION

Use the information that follows to determine the operating condition and usage applicable to your vehicle

<p>Heavy Between 5 and 6 mpg Between 39 and 50 L/100km</p>	<p>Normal Greater than 6 mpg Less than 39 L/100km</p>
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Engine oil and filter change intervals ¹ – US10 engines and newer		Lubricants
<ul style="list-style-type: none"> - H3 & X3 series coaches - XLII Entertainer - H3 VIP commercial use - X3 VIP commercial use 		
Regular drains	Heavy operating condition, change every 35 000mi / 60 000km	SAE Viscosity Grade: 10W-30 Filled with VDS-4 specification oils approved by Volvo
	Normal operating condition, change every 45 000mi / 75 000km	
Extended drains I	Heavy operating condition, change every 40 000mi / 65 000km	SAE Viscosity Grade: 10W-30 Filled with VDS-4.5 specification oils approved by Volvo
	Normal operating condition, change every 55 000mi / 90 000km	
Extended drains II	Heavy operating condition, change every 45 000mi / 70 000km	SAE Viscosity Grade: 10W-30 Filled with “VOLVO PREMIUM MOTOR OIL VDS-4.5” (factory-fill)
	Normal operating condition, change every 60 000mi / 95 000km	

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¹ Not applicable to X3-45 Commuter & Private Use motorhomes