

# VOLVO (USA) ENGINES VOLVO D13F (2007-2009)



**ENGINE D13F**  
Capacity: 36 liter

USE	CLIMATE
Fuel economy > 6 MPG	Moderate

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
<b>Armado Synth LSP Ultra 5W-30</b>	<b>Armado Synth LSP Ultra 10W-40</b>	<b>Armado Synth MSP 5W-40</b>

*Change every 35000 miles*

USE	CLIMATE
Fuel economy 4.7 - 6 MPG	Moderate

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
<b>Armado Synth LSP Ultra 5W-30</b>	<b>Armado Synth LSP Ultra 10W-40</b>	<b>Armado Synth MSP 5W-40</b>

*Change every 25000 miles*

USE	CLIMATE
Fuel economy 3.7 - 4.7 MPG	Moderate

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
<b>Armado Synth LSP Ultra 5W-30</b>	<b>Armado Synth LSP Ultra 10W-40</b>	<b>Armado Synth MSP 5W-40</b>

*Change every 15000 miles*

USE	CLIMATE
Fuel economy 2.0 - 3.7 MPG	Moderate

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
<b>Armado Synth LSP Ultra 5W-30</b>	<b>Armado Synth LSP Ultra 10W-40</b>	<b>Armado Synth MSP 5W-40</b>

*Change every 10000 miles*

**COOLING SYSTEM** Volvo  
Capacity: 50-59,5 liter

USE	CLIMATE
Extended drain (max)	Moderate

PRODUCT RECOMMENDATION 1		
<b>Coolant -38 Organic NF</b>		

*Change every 600000 miles/ 48 months*

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
<b>Coolant -38 Organic NF</b>	<b>Coolant -26</b>	

*Change every 300000 miles/ 24 months*

The data mentioned in this product information sheet is meant to enable the reader to orientate himself about the properties and possible applications of our products. Although this overview is composed with all possible care on the stated date, the compiler does not accept any liability for damages caused by incompleteness and/or inaccuracies in this information, especially when these are caused by obvious typing errors. The terms of delivery of the supplier apply to all product supplies. The reader is advised, especially for critical applications, to make the final product choice in consultation with the supplier. Due to continual product research and development, the information contained herein is subject to changes without notification.