

CATERPILLAR BACKHOE LOADERS 438C

(1996-2001)

**ENGINE**

Capacity: 7,3 liter

USE

Normal

CLIMATE

Moderate

PRODUCT RECOMMENDATION 1**Agridiesel CRD+ 15W-40****PRODUCT RECOMMENDATION 2****Dieselfleet CD+ 15W-40****PRODUCT RECOMMENDATION 3****Multifleet SHPD 15W-40***Change every 250 hours/ 1 months***USE**

Normal

CLIMATE

Cold

PRODUCT RECOMMENDATION 1**Synfleet SHPD 10W-40****PRODUCT RECOMMENDATION 2****Multifleet SHPD 10W-40***Change every 250 hours/ 1 months***DIFFERENTIAL FRONT POWERED AXLE**

Capacity: 7,5 liter

USE

Normal

CLIMATE

Mediterranean

PRODUCT RECOMMENDATION 1**Gearlube GL-5 85W-140****PRODUCT RECOMMENDATION 2****Unigear LS GL-3/GL-5 85W-140***Change every 1000 hours***USE**

Normal

CLIMATE

Moderate

PRODUCT RECOMMENDATION 1**Gearlube GL-5 80W-90****PRODUCT RECOMMENDATION 2****Unigear HS GL-3/GL-5 80W-90***Change every 1000 hours***DIFFERENTIAL REAR**

Capacity: 24 liter

USE

Normal

CLIMATE

Moderate

PRODUCT RECOMMENDATION 1**Agrifluid HT-Plus****PRODUCT RECOMMENDATION 2****Kroontrak MTH 10W-30****PRODUCT RECOMMENDATION 3****Agrifluid HT***Change every 1000 hours***DIFFERENTIAL REAR STEERABLE AXLE**

Capacity: 8,3 liter

We are unable to give a standard recommendation for this component. Please contact our service department.

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FINAL DRIVES FRONT POWERED AXLE

USE	CLIMATE
Normal	Mediterranean

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
Gearlube GL-5 85W-140	Unigear LS GL-3/GL-5 85W-140	

Change every 1000 hours

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
Gearlube GL-5 80W-90	Unigear HS GL-3/GL-5 80W-90	

Change every 1000 hours

FINAL DRIVES REAR STEERABLE AXLE

Capacity: 1,6 liter (each hub)

USE	CLIMATE
Normal	Mediterranean

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
Gearlube GL-5 85W-140	Unigear LS GL-3/GL-5 85W-140	

Change every 1000 hours

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
Gearlube GL-5 80W-90	Unigear HS GL-3/GL-5 80W-90	

Change every 1000 hours

TRANSMISSION Powershift

Capacity: 15 liter

USE	CLIMATE
Normal	Mediterranean

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
Gear Oil Alcat 30	Gear Oil Alcat 50	

Change every 1000 hours

USE	CLIMATE
Normal	Cold

PRODUCT RECOMMENDATION 1		
Gear Oil Alcat 10W		

Change every 1000 hours

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TRANSMISSION + TORQUE CONVERTER

Capacity: 15 liter (2WD), Capacity: 18 liter (4WD)

USE		CLIMATE
Normal		Mediterranean
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
Gear Oil Alcat 30	Gear Oil Alcat 50	

Change every 1000 hours

USE		CLIMATE
Normal		Cold
PRODUCT RECOMMENDATION 1		
Gear Oil Alcat 10W		

Change every 1000 hours

HYDRAULIC SYSTEM

Capacity: 37,9 liter

USE		CLIMATE
Normal		Mediterranean
PRODUCT RECOMMENDATION 1		
Gear Oil Alcat 30		

Change every 2000 hours

USE		CLIMATE
Normal		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
Gear Oil Alcat 10W	Perlus Biosynth 46	

Change every 2000 hours

HYDRAULIC BRAKE SYSTEM

Capacity: 0,7 liter

USE		CLIMATE
Normal		Moderate
PRODUCT RECOMMENDATION 1		
Gear Oil Alcat 10W		

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**COOLING SYSTEM**

Capacity: 18,9-21,6 liter

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1

Coolant SP 17*Change every 6000 hours/ 72 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.