

# CATERPILLAR BACKHOE LOADERS 438

## 3DJ (1988-1993)

**ENGINE**

Capacity: 7 liter

## USE

Normal

## CLIMATE

Mediterranean

## PRODUCT RECOMMENDATION 1

**Multifleet SCD 30***Change every 250 hours*

## USE

Normal

## CLIMATE

Moderate

## PRODUCT RECOMMENDATION 1

**Dieselfleet CD+ 15W-40**

## PRODUCT RECOMMENDATION 2

**Multifleet SHPD 15W-40***Change every 250 hours*

## USE

Normal

## CLIMATE

Cold

## PRODUCT RECOMMENDATION 1

**Kroontrak MTH 10W-30**

## PRODUCT RECOMMENDATION 2

**Synfleet SHPD 10W-40**

## PRODUCT RECOMMENDATION 3

**Multifleet SHPD 10W-40***Change every 250 hours***DIFFERENTIAL FRONT**

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: 18,5 liter

## USE

Normal

## CLIMATE

Moderate

## PRODUCT RECOMMENDATION 1

**Kroontrak MTH 10W-30**

## PRODUCT RECOMMENDATION 2

**Agrifluid HT***Change every 1000 hours*

# CATERPILLAR BACKHOE LOADERS 438

## 3DJ (1988-1993)



### FINAL DRIVES FRONT

Capacity: 0,75 liter (each hub)

USE	CLIMATE
Normal	Mediterranean

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

*Change every 1000 hours*

USE	CLIMATE
Normal	Moderate

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

*Change every 1000 hours*

### TRANSMISSION + TORQUE CONVERTER

Capacity: 10 liter

USE	CLIMATE
Normal	Mediterranean

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2
<b>Gear Oil Alcat 30</b>	<b>Gear Oil Alcat 50</b>

*Check every 500 hours, change every 1000 hours*

USE	CLIMATE
Normal	Cold

PRODUCT RECOMMENDATION 1	
<b>Gear Oil Alcat 10W</b>	

*Check every 500 hours, change every 1000 hours*

### HYDRAULIC SYSTEM

Capacity: 38 liter

USE	CLIMATE
Normal	Mediterranean

PRODUCT RECOMMENDATION 1	
<b>Gear Oil Alcat 30</b>	

*Check every 500 hours, change every 2000 hours*

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1	
<b>Gear Oil Alcat 10W</b>	

*Check every 500 hours, change every 2000 hours*

# CATERPILLAR BACKHOE LOADERS 438

## 3DJ (1988-1993)



### GREASE POINTS/NIPPLES

USE

Normal

CLIMATE

Moderate

PRODUCT RECOMMENDATION 1

**MoS2 Grease EP 2**

### COOLING SYSTEM

Capacity: 21 liter

USE

Normal

CLIMATE

Moderate

PRODUCT RECOMMENDATION 1

**Coolant -38 Organic NF**

PRODUCT RECOMMENDATION 2

**Coolant -26**

### EXTENDABLE STICK

USE

Normal

CLIMATE

Moderate

PRODUCT RECOMMENDATION 1

**Compound OGL EP 0/1**

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