

# CATERPILLAR COMPACT TRACKED LOADERS 299D XHP SERIES 2 DX2 (2015 AND AFTER)



**ENGINE** C3.8 Tier 4i  
Capacity: 13,2 liter, Filter capacity: 1 liter

USE	CLIMATE
Preferred	Mediterranean

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2
<b>Agrisynth MSP 10W-40</b>	<b>Dieselfleet MSP 15W-40</b>

*Change every 500 hours/ 12 months*

USE	CLIMATE
Preferred	Moderate

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
<b>Agridiesel MSP 15W-40</b>	<b>Dieselfleet LSP Ultra 10W-30</b>	<b>Dieselfleet MSP 10W-30</b>

*Change every 500 hours/ 12 months*

USE	CLIMATE
Fluid analysis, preferred	Mediterranean

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2
<b>Agrisynth MSP 10W-40</b>	<b>Dieselfleet MSP 15W-40</b>

*Check every 250 hours*

USE	CLIMATE
Fluid analysis, preferred	Moderate

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
<b>Agridiesel MSP 15W-40</b>	<b>Dieselfleet LSP Ultra 10W-30</b>	<b>Dieselfleet MSP 10W-30</b>

*Check every 250 hours*

USE	CLIMATE
Alternative (acceptable)	Mediterranean

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2
<b>Agridiesel MSP 15W-40</b>	<b>Dieselfleet MSP 15W-40</b>

*Change every 500 hours/ 12 months*

USE	CLIMATE
Alternative (acceptable)	Moderate

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2
<b>Dieselfleet LSP Ultra 10W-30</b>	<b>Dieselfleet MSP 10W-30</b>

*Change every 500 hours/ 12 months*

USE	CLIMATE
Fluid analysis, alternative	Mediterranean

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2
<b>Agridiesel MSP 15W-40</b>	<b>Dieselfleet MSP 15W-40</b>

*Check every 250 hours*

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USE		CLIMATE
Fluid analysis, alternative		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
<b>Dieselfleet LSP Ultra 10W-30</b>	<b>Dieselfleet MSP 10W-30</b>	
<i>Check every 250 hours</i>		

FINAL DRIVES		
Capacity: 1 liter (each)		
USE		CLIMATE
Preferred		Moderate
PRODUCT RECOMMENDATION 1		
<b>Gearlube Racing 75W-140</b>		
<i>Check every 250 hours, change every 500 hours</i>		

USE		CLIMATE
Initial service (preferred)		Moderate
PRODUCT RECOMMENDATION 1		
<b>Gearlube Racing 75W-140</b>		
<i>Change every 250 hours/ 6 months</i>		

USE		CLIMATE
Alternative (acceptable)		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
<b>Gearlube Racing 75W-140</b>	<b>Gearlube HS GL-5 80W-140</b>	
<i>Check every 250 hours, change every 500 hours</i>		

USE		CLIMATE
Initial service (alternative)		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
<b>Gearlube Racing 75W-140</b>	<b>Gearlube HS GL-5 80W-140</b>	
<i>Change every 250 hours/ 6 months</i>		

HYDRAULIC SYSTEM		
Capacity: 55 liter (Hydraulic system including tank), Capacity: 39 liter (Hydraulic tank)		
USE		CLIMATE
Preferred		Moderate
PRODUCT RECOMMENDATION 1		
<b>Perlus Biosynth 46</b>		
<i>Change every 36 months/ 3000 hours</i>		

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USE		CLIMATE
Fluid analysis, preferred		Moderate
PRODUCT RECOMMENDATION 1		
<b>Perlus Biosynth 46</b>		

*Check every 500 hours*

USE		CLIMATE
Alternative (acceptable)		Mediterranean
PRODUCT RECOMMENDATION 1		
<b>Gear Oil Alcat 30</b>		

*Change every 2000 hours/ 24 months*

USE		CLIMATE
Alternative (acceptable)		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
<b>Agrisynth LSP Ultra FE 5W-30</b>	<b>Agridiesel MSP 15W-40</b>	<b>Agridiesel CRD+ 15W-40</b>

*Change every 2000 hours/ 24 months*

USE		CLIMATE
Fluid analysis, alternative		Mediterranean
PRODUCT RECOMMENDATION 1		
<b>Gear Oil Alcat 30</b>		

*Check every 500 hours*

USE		CLIMATE
Fluid analysis, alternative		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
<b>Agrisynth LSP Ultra FE 5W-30</b>	<b>Agridiesel MSP 15W-40</b>	<b>Agridiesel CRD+ 15W-40</b>

*Check every 500 hours*

## GREASE POINTS/NIPPLES

USE		CLIMATE
Normal		Moderate
PRODUCT RECOMMENDATION 1		
<b>MoS2 Grease EP 2</b>		

# CATERPILLAR COMPACT TRACKED LOADERS 299D XHP SERIES 2 DX2 (2015 AND AFTER)

**COOLING SYSTEM**

Capacity: 15,5 liter

USE		CLIMATE
Fluid analysis, preferred		Moderate
PRODUCT RECOMMENDATION 1		
<b>Coolant SP 17</b>		

*Check every 12 months, change every 72 months/ 12000 hours*

USE		CLIMATE
Fluid analysis, initial (preferred)		Moderate
PRODUCT RECOMMENDATION 1		
<b>Coolant SP 17</b>		

*Check every 500 hours*

USE		CLIMATE
Fluid analysis, alternative		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
<b>Coolant SP 15+</b>	<b>Coolant SP 12</b>	<b>Coolant -38 Organic NF</b>

*Check every 250 hours***AIRCONDITIONING COMPRESSOR**

Capacity: 150 CM3

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

**AIRCONDITIONING SYSTEM**

Capacity: 810 grams

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

**TRACK IDLERS**

Capacity: 0,34-0,37 liter

USE		CLIMATE
Normal		Mediterranean
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
<b>Agridiesel CRD+ 15W-40</b>	<b>Dieselfleet CD+ 15W-40</b>	<b>Multifleet SHPD 15W-40</b>

USE		CLIMATE
Normal		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
<b>Agrisynth LSP Ultra FE 5W-30</b>	<b>Agridiesel MSP 15W-40</b>	<b>Armado Synth LSP Ultra 5W-30</b>

# CATERPILLAR COMPACT TRACKED LOADERS 299D XHP SERIES 2 DX2 (2015 AND AFTER)

**TRACK ROLLERS**

Capacity: 0,23-0,25 liter (each)

USE		CLIMATE
Normal		Mediterranean
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
<b>Agridiesel CRD+ 15W-40</b>	<b>Dieselfleet CD+ 15W-40</b>	<b>Multifleet SHPD 15W-40</b>

USE		CLIMATE
Normal		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
<b>Agrisynth LSP Ultra FE 5W-30</b>	<b>Agridiesel MSP 15W-40</b>	<b>Armado Synth LSP Ultra 5W-30</b>

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