

# CATERPILLAR TRACKED EXCAVATORS

## 311F LRR LZF (2014 AND AFTER)



**ENGINE** C3.4B  
Capacity: 8,5 liter

USE	CLIMATE
Preferred	Mediterranean

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

*Check every 10 hours, change every 3 months/ 500 hours*

USE	CLIMATE
Preferred	Moderate

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

*Check every 10 hours, change every 3 months/ 500 hours*

USE	CLIMATE
Fluid analysis, preferred	Mediterranean

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

*Check every 250 hours*

USE	CLIMATE
Fluid analysis, preferred	Moderate

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

*Check every 10 hours, change every 3 months/ 500 hours*

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>Dieselfleet LSP Ultra 10W-30</b>

*Check every 10 hours, change every 3 months/ 500 hours*

USE	CLIMATE
Fluid analysis, alternative	Mediterranean

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2
<b>AgriSynth MSP 10W-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	PRODUCT RECOMMENDATION 3
<b>Agrisynth LSP Ultra FE 5W-30</b>	<b>Agridiesel MSP 15W-40</b>	<b>Dieselfleet LSP Ultra 10W-30</b>
<i>Check every 250 hours</i>		

HYDRAULIC SYSTEM		
Capacity: 160 liter (Change capacity)		
USE		CLIMATE
Normal		Mediterranean
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
<b>Multifleet SCD 30</b>	<b>Gear Oil Alcat 30</b>	
<i>Check every 10 hours, change every 2000 hours/ 12 months</i>		

USE		CLIMATE
Normal		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
<b>Agridiesel CRD+ 15W-40</b>	<b>Agrifluid HT-Plus</b>	<b>Kroontrak MTH 10W-30</b>
<i>Check every 10 hours, change every 2000 hours/ 12 months</i>		

USE		CLIMATE
Fluid analysis, biodegradable oil		Moderate
PRODUCT RECOMMENDATION 1		
<b>Perlus Biosynth 46</b>		
<i>Check every 500 hours</i>		

USE		CLIMATE
50% use of breaker		Mediterranean
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
<b>Multifleet SCD 30</b>	<b>Gear Oil Alcat 30</b>	
<i>Check every 10 hours, change every 1000 hours</i>		

USE		CLIMATE
50% use of breaker		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
<b>Agridiesel CRD+ 15W-40</b>	<b>Agrifluid HT-Plus</b>	<b>Kroontrak MTH 10W-30</b>
<i>Check every 10 hours, change every 1000 hours</i>		

USE		CLIMATE
100% use of breaker		Mediterranean
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
<b>Multifleet SCD 30</b>	<b>Gear Oil Alcat 30</b>	
<i>Check every 10 hours, change every 600 hours</i>		

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## 311F LRR LZF (2014 AND AFTER)



USE 100% use of breaker		CLIMATE Moderate
PRODUCT RECOMMENDATION 1 <b>Agridiesel CRD+ 15W-40</b>	PRODUCT RECOMMENDATION 2 <b>Agrifluid HT-Plus</b>	PRODUCT RECOMMENDATION 3 <b>Kroontrak MTH 10W-30</b>
<i>Check every 10 hours, change every 600 hours</i>		
USE Biodegradable oil		CLIMATE Moderate
PRODUCT RECOMMENDATION 1 <b>Perlus Biosynth 46</b>		
<i>Check every 10 hours, change every 2000 hours/ 12 months</i>		
USE Fluid analysis		CLIMATE Mediterranean
PRODUCT RECOMMENDATION 1 <b>Multifleet SCD 30</b>	PRODUCT RECOMMENDATION 2 <b>Gear Oil Alcat 30</b>	
<i>Check every 500 hours</i>		
USE Fluid analysis		CLIMATE Moderate
PRODUCT RECOMMENDATION 1 <b>Agridiesel CRD+ 15W-40</b>	PRODUCT RECOMMENDATION 2 <b>Agrifluid HT-Plus</b>	PRODUCT RECOMMENDATION 3 <b>Kroontrak MTH 10W-30</b>
<i>Check every 500 hours</i>		
USE Biodegradable oil, 100% use of breaker		CLIMATE Moderate
PRODUCT RECOMMENDATION 1 <b>Perlus Biosynth 46</b>		
<i>Check every 10 hours, change every 600 hours</i>		
USE Biodegradable oil, 50% use of breaker		CLIMATE Moderate
PRODUCT RECOMMENDATION 1 <b>Perlus Biosynth 46</b>		
<i>Check every 10 hours, change every 1000 hours</i>		

# CATERPILLAR TRACKED EXCAVATORS

## 311F LRR LZF (2014 AND AFTER)



### GREASE POINTS/NIPPLES

USE		CLIMATE
Normal		Moderate
PRODUCT RECOMMENDATION 1		
<b>MoS2 Grease EP 2</b>		
USE		CLIMATE
Alternative (acceptable)		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
<b>HT Q9 High Grade Grease</b>	<b>Labora Grease</b>	

### COOLING SYSTEM

Capacity: 9 liter

USE		CLIMATE
Flexible (max)		Moderate
PRODUCT RECOMMENDATION 1		
<b>Coolant SP 17</b>		

*Check every 10 hours, change every 72 months/ 12000 hours*

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

*Check every 1 months/ 250 hours*

### SWING GEAR

Capacity: 7 kg

USE		CLIMATE
Normal		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
<b>Labora Grease</b>	<b>Q5 MP Calcep Grease EP 2</b>	<b>MP Lithep Grease EP 2</b>

*Check every 12 months/ 2000 hours*

### SWING REDUCTION UNIT

Capacity: 2,4 liter

USE		CLIMATE
Normal		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
<b>Gear Oil Alcat 30</b>	<b>Gear Oil Alcat 50</b>	

*Check every 1 months/ 250 hours, change every 6 months/ 1000 hours*

# CATERPILLAR TRACKED EXCAVATORS

## 311F LRR LZF (2014 AND AFTER)



USE		CLIMATE
Normal		Arctic
PRODUCT RECOMMENDATION 1		
<b>Gear Oil Alcat 10W</b>		

*Check every 1 months/ 250 hours, change every 6 months/ 1000 hours*

USE		CLIMATE
Initial service		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
<b>Gear Oil Alcat 30</b>	<b>Gear Oil Alcat 50</b>	

*Check every 250 hours*

USE		CLIMATE
Initial service		Arctic
PRODUCT RECOMMENDATION 1		
<b>Gear Oil Alcat 10W</b>		

*Check every 250 hours*

USE		CLIMATE
Fluid analysis		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
<b>Gear Oil Alcat 30</b>	<b>Gear Oil Alcat 50</b>	

*Check every 500 hours*

USE		CLIMATE
Fluid analysis		Arctic
PRODUCT RECOMMENDATION 1		
<b>Gear Oil Alcat 10W</b>		

*Check every 500 hours*

### TRACK IDLERS

USE		CLIMATE
Normal		Moderate
PRODUCT RECOMMENDATION 1		
<b>Multifleet SCD 30</b>		

# CATERPILLAR TRACKED EXCAVATORS

## 311F LRR LZF (2014 AND AFTER)



### TRACK ROLLER FRAME PIVOT BEARINGS

USE	CLIMATE
Normal	Mediterranean

PRODUCT RECOMMENDATION 1

**Gear Oil Alcat 50**

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1

**Gear Oil Alcat 30**

USE	CLIMATE
Normal	Arctic

PRODUCT RECOMMENDATION 1

**Gear Oil Alcat 10W**

### TRACK ROLLER FRAME RECOIL SPRING

USE	CLIMATE
Normal	Mediterranean

PRODUCT RECOMMENDATION 1

**Gear Oil Alcat 50**

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1

**Gear Oil Alcat 30**

USE	CLIMATE
Normal	Arctic

PRODUCT RECOMMENDATION 1

**Gear Oil Alcat 10W**

### TRACK ROLLERS

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1

**Multifleet SCD 30**

### TRAVEL REDUCTION UNIT

Capacity: 3 liter (each)

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USE		CLIMATE
Normal		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
<b>Gear Oil Alcat 30</b>	<b>Gear Oil Alcat 50</b>	
<i>Check every 1 months/ 250 hours, change every 12 months/ 2000 hours</i>		
USE		CLIMATE
Normal		Arctic
PRODUCT RECOMMENDATION 1		
<b>Gear Oil Alcat 10W</b>		
<i>Check every 1 months/ 250 hours, change every 12 months/ 2000 hours</i>		
USE		CLIMATE
Initial service		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
<b>Gear Oil Alcat 30</b>	<b>Gear Oil Alcat 50</b>	
<i>Change every 250 hours/ 6 months</i>		
USE		CLIMATE
Initial service		Arctic
PRODUCT RECOMMENDATION 1		
<b>Gear Oil Alcat 10W</b>		
<i>Change every 250 hours/ 6 months</i>		
USE		CLIMATE
Fluid analysis		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
<b>Gear Oil Alcat 30</b>	<b>Gear Oil Alcat 50</b>	
<i>Check every 500 hours</i>		
USE		CLIMATE
Fluid analysis		Arctic
PRODUCT RECOMMENDATION 1		
<b>Gear Oil Alcat 10W</b>		
<i>Check every 500 hours</i>		

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.