

# CATERPILLAR BACKHOE LOADERS 434E

## STAGE II SEF (2005 AND AFTER)



**ENGINE** 3054C DIT  
Capacity: 7,6 liter

USE	CLIMATE
Normal	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
Normal	Moderate

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
<b>Armado Synth MSP 5W-40</b>	<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
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 10W-40</b>	<b>Agridiesel MSP 15W-40</b>	<b>Armado Synth LSP Ultra 10W-40</b>

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

**DIFFERENTIAL FRONT**  
Capacity: 11 liter, Capacity: 14 liter (+ equal sized tires)

USE	CLIMATE
Normal	Mediterranean

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*

USE	CLIMATE
Normal	Cold

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

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

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**DIFFERENTIAL FRONT EST**

Capacity: 14 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 1 months/ 250 hours, change every 6 months/ 1000 hours

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

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

**DIFFERENTIAL REAR**

Capacity: 16,5 liter, Capacity: 0,5 liter (special additive)

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

**DIFFERENTIAL REAR STEERABLE AXLE**

Capacity: 16 liter, Capacity: 0,5 liter (special additive)

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

**FINAL DRIVES FRONT**

Capacity: 0,7 liter (each side)

USE		CLIMATE
Normal		Mediterranean
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

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

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

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## STAGE II SEF (2005 AND AFTER)



### FINAL DRIVES REAR

Capacity: 1,7 liter (each side)

USE		CLIMATE
Normal		Mediterranean
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

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

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

### HUB REDUCTIONS FRONT (EST)

Capacity: 1,7 liter (each hub)

USE		CLIMATE
Normal		Mediterranean
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

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

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

### TRANSMISSION

Capacity: 18,5 liter

USE		CLIMATE
Normal		Tropical
PRODUCT RECOMMENDATION 1		
<b>Gear Oil Alcat 30</b>		

Check every 10 hours, change every 6 months/ 1000 hours

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

Check every 10 hours, change every 6 months/ 1000 hours

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## STAGE II SEF (2005 AND AFTER)



**TRANSMISSION** Powershift  
Capacity: 19 liter

USE	CLIMATE
Normal	Tropical

PRODUCT RECOMMENDATION 1 <b>Gear Oil Alcat 30</b>		
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*Check every 10 hours, change every 6 months/ 1000 hours*

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1 <b>Gear Oil Alcat 10W</b>		
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*Check every 10 hours, change every 6 months/ 1000 hours*

**HYDRAULIC SYSTEM**  
Capacity: 79-99 liter, Capacity: 40 liter (Hydraulic tank)

USE	CLIMATE
Preferred	Mediterranean

PRODUCT RECOMMENDATION 1 <b>Gear Oil Alcat 30</b>		
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*Check every 10 hours, change every 2000 hours/ 12 months*

USE	CLIMATE
Preferred	Moderate

PRODUCT RECOMMENDATION 1 <b>Gear Oil Alcat 10W</b>		
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*Check every 10 hours, change every 2000 hours/ 12 months*

USE	CLIMATE
Alternative (acceptable)	Moderate

PRODUCT RECOMMENDATION 1 <b>Agridiesel CRD+ 15W-40</b>	PRODUCT RECOMMENDATION 2 <b>Dieselfleet CD+ 15W-40</b>	PRODUCT RECOMMENDATION 3 <b>Multifleet SHPD 15W-40</b>
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*Check every 10 hours, change every 2000 hours/ 12 months*

USE	CLIMATE
Biodegradable oil	Moderate

PRODUCT RECOMMENDATION 1 <b>Perlus Biosynth 46</b>		
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*Check every 10 hours, change every 2000 hours/ 12 months*

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## STAGE II SEF (2005 AND AFTER)



### GREASE POINTS/NIPPLES

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

  

USE		CLIMATE
Light Duty		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
<b>HT Q9 High Grade Grease</b>	<b>Labora Grease</b>	

### COOLING SYSTEM

Capacity: 23,1 liter, Capacity: 25,3 liter (+ heater)

USE		CLIMATE
Preferred, extended		Moderate
PRODUCT RECOMMENDATION 1		
<b>Coolant SP 17</b>		

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

USE		CLIMATE
Alternative (acceptable)		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 10 hours, change every 36 months/ 6000 hours*

*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.*