

CATERPILLAR BACKHOE LOADERS 434E STAGE II SEF (2005 AND AFTER)



ENGINE 3054C DIT
Capacity: 7,6 liter

USE Normal	CLIMATE Mediterranean
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PRODUCT RECOMMENDATION 1 Agridiesel MSP 15W-40	PRODUCT RECOMMENDATION 2 Dieselfleet MSP 15W-40	
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Check every 10 hours, change every 3 months/ 500 hours

USE Normal	CLIMATE Moderate
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PRODUCT RECOMMENDATION 1 Armado Synth MSP 5W-40	PRODUCT RECOMMENDATION 2 Dieselfleet LSP Ultra 10W-30	PRODUCT RECOMMENDATION 3 Dieselfleet MSP 10W-30
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Check every 10 hours, change every 3 months/ 500 hours

USE Alternative (acceptable)	CLIMATE Mediterranean
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PRODUCT RECOMMENDATION 1 Agrisynth MSP 10W-40	PRODUCT RECOMMENDATION 2 Dieselfleet MSP 15W-40	
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Check every 10 hours, change every 3 months/ 500 hours

USE Alternative (acceptable)	CLIMATE Moderate
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PRODUCT RECOMMENDATION 1 Agrisynth LSP Ultra 10W-40	PRODUCT RECOMMENDATION 2 Agridiesel MSP 15W-40	PRODUCT RECOMMENDATION 3 Armado Synth LSP Ultra 10W-40
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Check every 10 hours, change every 3 months/ 500 hours

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

USE Normal	CLIMATE Mediterranean
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PRODUCT RECOMMENDATION 1 Gear Oil Alcat 30	PRODUCT RECOMMENDATION 2 Gear Oil Alcat 50	
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Check every 1 months/ 250 hours, change every 6 months/ 1000 hours

USE Normal	CLIMATE Cold
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PRODUCT RECOMMENDATION 1 Gear Oil Alcat 10W		
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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
Gear Oil Alcat 30	Gear Oil Alcat 50

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

USE	CLIMATE
Normal	Cold

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2
Gear Oil Alcat 10W	

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
Gear Oil Alcat 30	Gear Oil Alcat 50

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

USE	CLIMATE
Normal	Cold

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2
Gear Oil Alcat 10W	

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

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FINAL DRIVES REAR

Capacity: 1,7 liter (each side)

USE	CLIMATE
Normal	Mediterranean

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

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

USE	CLIMATE
Normal	Cold

PRODUCT RECOMMENDATION 1		
Gear Oil Alcat 10W		

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	
Gear Oil Alcat 30	Gear Oil Alcat 50	

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

USE	CLIMATE
Normal	Cold

PRODUCT RECOMMENDATION 1		
Gear Oil Alcat 10W		

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

TRANSMISSION

Capacity: 18,5 liter

USE	CLIMATE
Normal	Tropical

PRODUCT RECOMMENDATION 1		
Gear Oil Alcat 30		

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

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1		
Gear Oil Alcat 10W		

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

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TRANSMISSION Powershift Capacity: 19 liter

USE	CLIMATE
Normal	Tropical

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

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1 Gear Oil Alcat 10W		
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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 Gear Oil Alcat 30		
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Check every 10 hours, change every 2000 hours/ 12 months

USE	CLIMATE
Preferred	Moderate

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

USE	CLIMATE
Alternative (acceptable)	Moderate

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

USE	CLIMATE
Biodegradable oil	Moderate

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

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GREASE POINTS/NIPPLES

USE		CLIMATE
Normal		Moderate
PRODUCT RECOMMENDATION 1		
MoS2 Grease EP 2		

USE		CLIMATE
Light Duty		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
HT Q9 High Grade Grease	Labora Grease	

COOLING SYSTEM

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

USE		CLIMATE
Preferred, extended		Moderate
PRODUCT RECOMMENDATION 1		
Coolant SP 17		

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

USE		CLIMATE	
Alternative (acceptable)		Moderate	
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3	
Coolant SP 15+	Coolant SP 12	Coolant -38 Organic NF	

Check every 10 hours, change every 36 months/ 6000 hours

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