

# CATERPILLAR MOTOR GRADERS 160M

## SERIES 3 AWD N9K/N9T (2014 AND AFTER)



**ENGINE** C9.3 Acert  
Capacity: 30 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 500 hours*

USE	CLIMATE
Preferred	Moderate

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
<b>Agrisynth LSP Ultra FE 5W-30</b>	<b>Agrisynth LSP Ultra 10W-40</b>	<b>Agrisynth MSP 10W-40</b>

*Check every 10 hours, change every 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	PRODUCT RECOMMENDATION 3
<b>Agrisynth LSP Ultra FE 5W-30</b>	<b>Agrisynth LSP Ultra 10W-40</b>	<b>Agrisynth MSP 10W-40</b>

*Check every 250 hours*

USE	CLIMATE
Alternative (acceptable)	Mediterranean

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

*Check every 10 hours, change every 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>Agrisynth LSP Ultra 10W-40</b>	<b>Agrisynth MSP 10W-40</b>

*Check every 10 hours, change every 500 hours*

USE	CLIMATE
Fluid analysis, alternative	Mediterranean

PRODUCT RECOMMENDATION 1	
<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>Agrisynth LSP Ultra 10W-40</b>	<b>Agrisynth MSP 10W-40</b>
<i>Check every 250 hours</i>		

HUB REDUCTIONS FRONT Capacity: 7 liter		
USE		CLIMATE
Normal		Moderate
PRODUCT RECOMMENDATION 1		
<b>Gear Oil Alcat 50</b>		
<i>Check every 500 hours, change every 2000 hours/ 24 months</i>		

USE		CLIMATE
Fluid analysis, preferred		Moderate
PRODUCT RECOMMENDATION 1		
<b>Gear Oil Alcat 50</b>		
<i>Check every 500 hours</i>		

USE		CLIMATE
Initial service		Moderate
PRODUCT RECOMMENDATION 1		
<b>Gear Oil Alcat 50</b>		
<i>Change every 250 hours</i>		



# CATERPILLAR MOTOR GRADERS 160M SERIES 3 AWD N9K/N9T (2014 AND AFTER)



**TRANSMISSION** Powershift  
Capacity: 70 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 10 hours, change every 6 months/ 1000 hours*

USE	CLIMATE
Normal	Cold

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

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

USE	CLIMATE
Fluid analysis, preferred	Mediterranean

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, preferred	Cold

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

*Check every 500 hours*

## HYDRAULIC SYSTEM

Capacity: 100 liter, Capacity: 64 liter (Hydraulic tank)

USE	CLIMATE
Preferred	Moderate

PRODUCT RECOMMENDATION 1		
<b>Perlus Biosynth 46</b>		

*Check every 10 hours, change every 24 months/ 4000 hours*

USE	CLIMATE
Fluid analysis, preferred	Moderate

PRODUCT RECOMMENDATION 1		
<b>Perlus Biosynth 46</b>		

*Check every 500 hours*

# CATERPILLAR MOTOR GRADERS 160M SERIES 3 AWD N9K/N9T (2014 AND AFTER)



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

*Check every 10 hours, change every 2000 hours/ 12 months*

USE		CLIMATE
Alternative (acceptable)		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
<b>Agridiesel MSP 15W-40</b>	<b>Agridiesel CRD+ 15W-40</b>	<b>Agrifluid HT-Plus</b>

*Check every 10 hours, change every 2000 hours/ 12 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>Agridiesel MSP 15W-40</b>	<b>Agridiesel CRD+ 15W-40</b>	<b>Agrifluid HT-Plus</b>

*Check every 500 hours*

## GREASE POINTS/NIPPLES BLADE CIRCLE

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

## GREASE POINTS/NIPPLES OTHERS

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

*Check every 100 hours*

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

*Check every 100 hours*

# CATERPILLAR MOTOR GRADERS 160M SERIES 3 AWD N9K/N9T (2014 AND AFTER)


**WHEEL SPINDLE BEARING FRONT**

Capacity: 0,5 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 2000 hours/ 24 months*

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

*Check every 500 hours, change every 2000 hours/ 24 months*

USE		CLIMATE
Fluid analysis, preferred		Mediterranean
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, preferred		Moderate
PRODUCT RECOMMENDATION 1		
<b>Gear Oil Alcat 10W</b>		

*Check every 500 hours*

# CATERPILLAR MOTOR GRADERS 160M SERIES 3 AWD N9K/N9T (2014 AND AFTER)



## COOLING SYSTEM

Capacity: 56 liter

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

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

USE		CLIMATE
Fluid analysis, 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 500 hours*

## CIRCLE DRIVE UNIT

Capacity: 7 liter

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 2000 hours/ 24 months*

USE		CLIMATE
Normal		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
<b>Gearlube Racing 75W-140</b>	<b>SP Gear 1011</b>	<b>Syngear TDL 75W-90</b>

*Change every 2000 hours/ 24 months*

## SELECTIVE CATALYTIC REDUCTION SYSTEM (SCR)

Capacity: 22 liter

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

## TANDEM DRIVE UNIT

Capacity: 87 liter, Capacity: 1 liter (LS-additive)

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

*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.*