

# CATERPILLAR PIPELAYERS PL83 KSD

## (2013 AND AFTER)



**ENGINE** C15 Acert  
Capacity: 38 liter

USE		CLIMATE
Fluid analysis, preferred		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>

*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>Armado Synth 5W-30</b>	<b>Dieselfleet LSP Ultra 10W-30</b>

*Check every 250 hours*

USE		CLIMATE
Alternative (acceptable)		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>

*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>Agridiesel MSP 15W-40</b>	<b>Armado Synth 5W-30</b>	<b>Dieselfleet LSP Ultra 10W-30</b>

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

### FINAL DRIVES

Capacity: 13 liter (each)

USE		CLIMATE
Fluid analysis, moderate use		Moderate
PRODUCT RECOMMENDATION 1		
<b>Gear Oil Alcat 50</b>		

*Check every 500 hours*

USE		CLIMATE
Fluid analysis, moderate use		Cold
PRODUCT RECOMMENDATION 1		
<b>Gear Oil Alcat 30</b>		

*Check every 500 hours*

# CATERPILLAR PIPELAYERS PL83 KSD

## (2013 AND AFTER)



USE		CLIMATE
Moderate use		Moderate
PRODUCT RECOMMENDATION 1		
<b>Gear Oil Alcat 50</b>		
<i>Check every 250 hours, change every 2000 hours/ 12 months</i>		
USE		CLIMATE
Moderate use		Cold
PRODUCT RECOMMENDATION 1		
<b>Gear Oil Alcat 30</b>		
<i>Check every 250 hours, change every 2000 hours/ 12 months</i>		
USE		CLIMATE
Severe		Cold
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
<b>Gear Oil Alcat 30</b>	<b>Gear Oil Alcat 50</b>	
<i>Check every 250 hours, change every 2000 hours/ 12 months</i>		
USE		CLIMATE
Fluid analysis, severe		Cold
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
<b>Gear Oil Alcat 30</b>	<b>Gear Oil Alcat 50</b>	
<i>Check every 500 hours</i>		



# CATERPILLAR PIPELAYERS PL83 KSD

## (2013 AND AFTER)



**TRANSMISSION** Powershift  
Capacity: 190 liter

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*

USE		CLIMATE
Alternative (acceptable)		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
Alternative (acceptable)		Cold
PRODUCT RECOMMENDATION 1		
<b>Gear Oil Alcat 10W</b>		

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

### HYDRAULIC SYSTEM

Capacity: 101 liter (Tank)

USE		CLIMATE
Preferred, extended		Moderate
PRODUCT RECOMMENDATION 1		
<b>Perlus Biosynth 46</b>		

*Check every 10 hours, change every 18 months/ 3000 hours*

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

*Check every 500 hours*

# CATERPILLAR PIPELAYERS PL83 KSD

## (2013 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>Agrisynth LSP Ultra 10W-40</b>	<b>Agrisynth MSP 10W-40</b>	<b>Agridiesel MSP 15W-40</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>Agrisynth LSP Ultra 10W-40</b>	<b>Agrisynth MSP 10W-40</b>	<b>Agridiesel MSP 15W-40</b>

*Check every 500 hours*

### GREASE POINTS/NIPPLES

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

*Check every 10 hours*



# CATERPILLAR PIPELAYERS PL83 KSD

## (2013 AND AFTER)



### COOLING SYSTEM

Capacity: 75 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 3 months/ 500 hours

### RECOIL SPRING COMPARTMENT

Capacity: 74 liter (each)

USE		CLIMATE
Normal		Mediterranean
PRODUCT RECOMMENDATION 1		
<b>Gear Oil Alcat 50</b>		

Check every 3 months/ 500 hours

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

Check every 3 months/ 500 hours

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

Check every 3 months/ 500 hours

# CATERPILLAR PIPELAYERS PL83 KSD

## (2013 AND AFTER)



### TRACK PINS

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>	

*Check every 50 hours*

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>

*Check every 50 hours*

### TRACK ROLLERS & IDLERS

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
<b>Helar 0W-40</b>	<b>Multifleet SCD 30</b>	

# CATERPILLAR PIPELAYERS PL83 KSD

## (2013 AND AFTER)

**WINCH CASE BOOM**

Capacity: 11,3 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 12 months/ 500 hours

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

Check every 1 months/ 250 hours, change every 12 months/ 500 hours

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

Change every 250 hours

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

Change every 250 hours

**WINCH CASE HOOK**

Capacity: 15,1 liter

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

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

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.