

BOBCAT EXCAVATORS 331E S/N 234411001 -> (1993-2000)



ENGINE Kubota V2203-M
Capacity: 7,1 liter

USE	CLIMATE
Normal	Tropical

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
Multifleet SHPD 20W-50	Multifleet SCD 40	

Check every 10 hours, change every 250 hours

USE	CLIMATE
Normal	Mediterranean

PRODUCT RECOMMENDATION 1		
Multifleet SCD 30		

Check every 10 hours, change every 250 hours

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
Kroontrak MTH 10W-30	Synfleet SHPD 10W-40	Dieselfleet CD+ 15W-40

Check every 10 hours, change every 250 hours

USE	CLIMATE
Normal	Cold

PRODUCT RECOMMENDATION 1		
Multifleet SCD 10W		

Check every 10 hours, change every 250 hours

USE	CLIMATE
Initial service	Tropical

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
Multifleet SHPD 20W-50	Multifleet SCD 40	

Check every 10 hours, change every 50 hours

USE	CLIMATE
Initial service	Mediterranean

PRODUCT RECOMMENDATION 1		
Multifleet SCD 30		

Check every 10 hours, change every 50 hours

USE	CLIMATE
Initial service	Moderate

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
Kroontrak MTH 10W-30	Synfleet SHPD 10W-40	Dieselfleet CD+ 15W-40

Check every 10 hours, change every 50 hours

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USE		CLIMATE
Initial service		Cold
PRODUCT RECOMMENDATION 1		
Multifleet SCD 10W		
<i>Check every 10 hours, change every 50 hours</i>		

TRAVEL REDUCTION UNIT COMBINED WITH HYDRAULIC SYSTEM Capacity: 0,5 liter		
USE		CLIMATE
Normal		Mediterranean
PRODUCT RECOMMENDATION 1		
Perlus AF 100		
<i>Check every 250 hours, change every 6 months/ 1000 hours</i>		

USE		CLIMATE
Normal		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
Perlus H 46	Perlus H 68	Perlus AF 46
<i>Check every 250 hours, change every 6 months/ 1000 hours</i>		

USE		CLIMATE
Acceptable		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
Kroontrak MTH 10W-30	HDX 10W	
<i>Check every 250 hours, change every 6 months/ 1000 hours</i>		

TRAVEL REDUCTION UNIT SEPARATE LUBRICATION Capacity: 0,5 liter		
USE		CLIMATE
Normal		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
Gearlube GL-5 80W-90	Unigear HS GL-3/GL-5 80W-90	
<i>Check every 250 hours, change every 6 months/ 1000 hours</i>		

HYDRAULIC SYSTEM Capacity: 29,5 liter (Hydraulic tank), Capacity: 44 liter (System)		
USE		CLIMATE
Normal		Mediterranean
PRODUCT RECOMMENDATION 1		
Perlus AF 100		
<i>Check every 10 hours, change every 6 months/ 1000 hours</i>		

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USE Normal		CLIMATE Moderate
PRODUCT RECOMMENDATION 1 Perlus H 46	PRODUCT RECOMMENDATION 2 Perlus H 68	PRODUCT RECOMMENDATION 3 Perlus AF 46
<i>Check every 10 hours, change every 6 months/ 1000 hours</i>		
USE Initial service		CLIMATE Mediterranean
PRODUCT RECOMMENDATION 1 Perlus AF 100		
<i>Check every 10 hours, change every 6 months/ 100 hours</i>		
USE Initial service		CLIMATE Moderate
PRODUCT RECOMMENDATION 1 Perlus H 46	PRODUCT RECOMMENDATION 2 Perlus H 68	PRODUCT RECOMMENDATION 3 Perlus AF 46
<i>Check every 10 hours, change every 6 months/ 100 hours</i>		
USE Alternative (acceptable)		CLIMATE Moderate
PRODUCT RECOMMENDATION 1 Kroontrak MTH 10W-30	PRODUCT RECOMMENDATION 2 HDX 10W	
<i>Check every 10 hours, change every 6 months/ 1000 hours</i>		
USE Initial service (alternative)		CLIMATE Moderate
PRODUCT RECOMMENDATION 1 Kroontrak MTH 10W-30	PRODUCT RECOMMENDATION 2 HDX 10W	
<i>Check every 10 hours, change every 6 months/ 100 hours</i>		
USE Biodegradable oil		CLIMATE Moderate
PRODUCT RECOMMENDATION 1 Perlus Biosynth 46		
<i>Check every 10 hours, change every 6 months/ 1000 hours</i>		
USE Initial service, biodegradable oil		CLIMATE Moderate
PRODUCT RECOMMENDATION 1 Perlus Biosynth 46		
<i>Check every 10 hours, change every 6 months/ 100 hours</i>		

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GREASE POINTS/NIPPLES

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

Change every 10 hours

COOLING SYSTEM

Capacity: 17 liter

USE		CLIMATE
Normal		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
Coolant -38 Organic NF	Coolant -26	

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

SWING DRIVE GEARBOX

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

Change every 50 hours

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