## KUBOTA TRACKED EXCAVATORS K/KH/KX/U KX040-4 KUBOTA D1803-CRTE4B (TIER 4F) (2012 AND AFTER)



ENGINE Kubota D1803-CR-E4B
Capacity: 5 liter

USE

Normal

PRODUCT RECOMMENDATION 2

Agrisynth MSP 10W-40

Agridiesel MSP 15W-40

CLIMATE

Moderate

PRODUCT RECOMMENDATION 2

Agridiesel MSP 15W-40

Dieselfleet LSP Ultra 10W-30

Check every 8 hours, change every 12 months/ 500 hours

Capacity: 67 liter, Capacity: 42 liter (Hydraulic tank)  JUSE NOrmal Noderate  Product RECOMMENDATION 1 Perlus AF 46  Check every 10 hours, change every 1000 hours  JUSE NOrmal Perlus H 32 Perlus AF 32  Check every 10 hours, change every 1000 hours  JUSE CLIMATE Cold  Perlus AF 32  Check every 10 hours, change every 1000 hours  JUSE CLIMATE Cold  Perlus AF 32  Check every 10 hours, change every 1000 hours  JUSE CLIMATE Moderate  Perlus H 46 Perlus AF 46  Check every 10 hours, change every 800 hours  JUSE CLIMATE Moderate  CLIMATE Cold  Perlus H 46 Perlus AF 46  Check every 10 hours, change every 800 hours  JUSE CLIMATE Moderate  CLIMATE Cold  Perlus H 32  CLIMATE Cold  CLIMATE Cold  Perlus AF 32  CLIMATE Cold  CLIMATE Cold  Perlus AF 32  CLIMATE Cold  CLIMATE Cold  Perlus H 32  CLIMATE Cold  Perlus AF 32  Check every 10 hours, change every 800 hours  JUSE CLIMATE Cold  Perlus AF 32  Check every 10 hours, change every 800 hours  JUSE CLIMATE Cold  Perlus AF 32  Check every 10 hours, change every 800 hours  JUSE CLIMATE Moderate  Perlus AF 32  CHIMATE Moderate Perlus AF 32	Check every 8 hours, change ever	y 12 months/ 500 hours	
Capacity: 67 liter, Capacity: 42 liter (Hydraulic tank)  JISE Normal Normal Noderate  PRODUCT RECOMMENDATION 1 Perlus A F 46  Check every 10 hours, change every 1000 hours  JISE Normal PRODUCT RECOMMENDATION 2 Perlus AF 32  CLIMATE Cold PRODUCT RECOMMENDATION 2 Perlus A F 32  Check every 10 hours, change every 1000 hours  JISE CLIMATE Cold PRODUCT RECOMMENDATION 2 Perlus AF 32  Check every 10 hours, change every 1000 hours  JISE CLIMATE Moderate  PRODUCT RECOMMENDATION 2 Perlus A F 46  Check every 10 hours, change every 800 hours  JISE CLIMATE Cold  PRODUCT RECOMMENDATION 2 Perlus A F 46  Check every 10 hours, change every 800 hours  JISE CLIMATE Cold  PRODUCT RECOMMENDATION 2 Perlus A F 32  Check every 10 hours, change every 800 hours  JISE CLIMATE Cold  PRODUCT RECOMMENDATION 2 Perlus A F 32  Check every 10 hours, change every 800 hours  JISE CLIMATE Cold  PRODUCT RECOMMENDATION 2 Perlus A F 32  Check every 10 hours, change every 800 hours  JISE CLIMATE Moderate Moderate  PRODUCT RECOMMENDATION 2 Perlus A F 32  Check every 10 hours, change every 800 hours  JISE CLIMATE Moderate  PRODUCT RECOMMENDATION 2 Perlus A F 46  Perlus A F 46			
Normal Normal Normal Normal Product recommendation 2 Perlus H 46 Product recommendation 2 Perlus AF 46 Check every 10 hours, change every 1000 hours USE Normal Product recommendation 2 Perlus AF 32 Check every 10 hours, change every 1000 hours USE Product recommendation 1 Perlus AF 32 Check every 10 hours, change every 1000 hours USE CLIMATE Cold Check every 10 hours, change every 1000 hours USE CLIMATE Moderate Product recommendation 2 Perlus AF 36 Check every 10 hours, change every 800 hours USE CLIMATE Moderate Product recommendation 2 Perlus AF 46 Check every 10 hours, change every 800 hours USE COID CHECK every 10 hours, change every 800 hours USE COID CHECK every 10 hours, change every 800 hours USE COID CHECK every 10 hours, change every 800 hours USE CLIMATE Cold CHECK every 10 hours, change every 800 hours USE CLIMATE Cold CHECK every 10 hours, change every 800 hours USE CLIMATE COID CLIMATE COID CLIMATE Moderate Moderate Perlus AF 32 Check every 10 hours, change every 800 hours USE CLIMATE COID CLIMATE Moderate Moderate Perlus AF 32 CHECK every 10 hours, change every 800 hours USE CLIMATE Moderate Perlus AF 32 CHECK every 10 hours, change every 800 hours USE CLIMATE Moderate Perlus AF 46 Perlus AF 46	HYDRAULIC SYSTEM		
Normal  Normal  Perlus H 46  Perlus H 46  Check every 10 hours, change every 1000 hours  USE  Normal  Product recommendation 2  Perlus H 32  Check every 10 hours, change every 1000 hours  USE  Perlus H 32  Check every 10 hours, change every 1000 hours  USE  CLIMATE  Cold  Product recommendation 2  Perlus H 32  Check every 10 hours, change every 1000 hours  USE  CLIMATE  Moderate  Product recommendation 2  Perlus H 46  Check every 10 hours, change every 800 hours  USE  CLIMATE  Moderate  Perlus H 46  Check every 10 hours, change every 800 hours  USE  CLIMATE  Cold  Product recommendation 2  Perlus H 46  Check every 10 hours, change every 800 hours  USE  CLIMATE  Cold  Check every 10 hours, change every 800 hours  USE  CLIMATE  Cold  PRODUCT RECOMMENDATION 2  Perlus H 32  Check every 10 hours, change every 800 hours  USE  CLIMATE  Cold  PRODUCT RECOMMENDATION 2  Perlus AF 32  Check every 10 hours, change every 800 hours  USE  CLIMATE  Moderate  Moderate  Product recommendation 1  PRODUCT RECOMMENDATION 2  Perlus AF 46  Perlus AF 46  Perlus AF 46	Capacity: 67 liter, Capacity: 42 liter	(Hydraulic tank)	
PRODUCT RECOMMENDATION 1 Perlus H 46 Perlus AF 46 Perlus AF 46  Check every 10 hours, change every 1000 hours  JSE CLIMATE Cold PRODUCT RECOMMENDATION 1 PRODUCT RECOMMENDATION 2 Perlus H 32 Perlus AF 32 Check every 10 hours, change every 1000 hours  JSE CLIMATE Moderate Perplus H 46 Check every 10 hours, change every 800 hours  JSE Check every 10 hours, change every 800 hours  JSE CLIMATE Cold Check every 10 hours, change every 800 hours  JSE CLIMATE Cold Check every 10 hours, change every 800 hours  JSE CLIMATE Cold Check every 10 hours, change every 800 hours  JSE CLIMATE Cold Check every 10 hours, change every 800 hours  JSE CLIMATE Cold Check every 10 hours, change every 800 hours  JSE CLIMATE Cold Check every 10 hours, change every 800 hours  JSE CLIMATE Cold Check every 10 hours, change every 800 hours  JSE CLIMATE Cold Check every 10 hours, change every 800 hours  JSE CLIMATE Moderate Moderate Perlus H 46 Perlus AF 46	USE		
Perlus H 46  Check every 10 hours, change every 1000 hours  JSE  CLIMATE  Cold  PRODUCT RECOMMENDATION 1  Perlus H 32  Check every 10 hours, change every 1000 hours  JSE  CLIMATE  CLIMATE  CLIMATE  Moderate  CLIMATE  Moderate  Perlus H 46  Check every 10 hours, change every 800 hours  JSE  CLIMATE  CLIMATE  CLIMATE  CLIMATE  CLIMATE  COld  Check every 10 hours, change every 800 hours  CLIMATE  COld  Check every 10 hours, change every 800 hours  CLIMATE  COld  Check every 10 hours, change every 800 hours  CLIMATE  Cold  Check every 10 hours, change every 800 hours  CLIMATE  Cold  Check every 10 hours, change every 800 hours  CLIMATE  Cold  Check every 10 hours, change every 800 hours  CLIMATE  CLIMATE  CLIMATE  Moderate  CLIMATE  Moderate  Perlus H 32  CLIMATE  Moderate  Perlus H 46  Perlus AF 46	Normal		Moderate
Check every 10 hours, change every 1000 hours    Climate   Cold	PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
Normal Cold  PRODUCT RECOMMENDATION 2 Perlus H 32 Perlus AF 32 Perlus AF 32 Check every 10 hours, change every 1000 hours  USE CUMATE Moderate PRODUCT RECOMMENDATION 2 Perlus H 46 Perlus H 46 Check every 10 hours, change every 800 hours  USE CLIMATE Moderate Product RECOMMENDATION 2 Perlus AF 46 Check every 10 hours, change every 800 hours  USE CLIMATE Cold Product RECOMMENDATION 2 Perlus AF 32 Check every 10 hours, change every 800 hours  USE CLIMATE Cold Product RECOMMENDATION 2 Perlus H 32 Check every 10 hours, change every 800 hours  USE CLIMATE Cold Product RECOMMENDATION 2 Perlus AF 32 Check every 10 hours, change every 800 hours  USE USE CLIMATE Moderate Perlus H 32 Check every 10 hours, change every 800 hours  USE Perlus H 32 Check every 10 hours, change every 800 hours  USE Perlus H 46 Product RECOMMENDATION 2 Perlus AF 46	Perlus H 46	Perlus AF 46	
Perlus H 32  Perlus H 46  Product recommendation 1  Product recommendation 2  Perlus AF 32  Climate  Moderate  Product recommendation 2  Product recommendation 2  Product recommendation 2  Product recommendation 2  Perlus AF 46  Check every 10 hours, change every 800 hours  Use  CLIMATE  Moderate  Product recommendation 2  Perlus AF 46  Climate  Cold  Product recommendation 2  Perlus AF 32  Climate  Cold  Product recommendation 2  Product recommendation 2  Product recommendation 2  Product recommendation 2  Perlus AF 32  Check every 10 hours, change every 800 hours  Use  CLIMATE  Cold  Product recommendation 2  Perlus AF 32  Check every 10 hours, change every 800 hours  Use  CLIMATE  Moderate  Product recommendation 2  Perlus AF 36  Product recommendation 2  Perlus AF 46	Check every 10 hours, change eve	ery 1000 hours	
PRODUCT RECOMMENDATION 1 Perlus H 32  Check every 10 hours, change every 1000 hours  USE  CLIMATE  Moderate  PRODUCT RECOMMENDATION 2 Perlus H 46  Check every 10 hours, change every 800 hours  USE  CLIMATE  Moderate  Product RECOMMENDATION 2 Perlus AF 46  Check every 10 hours, change every 800 hours  USE  CLIMATE  COId  PRODUCT RECOMMENDATION 2 PRODUCT RECOMMENDATION 2 PRODUCT RECOMMENDATION 2 Perlus H 32  Check every 10 hours, change every 800 hours  USE  CLIMATE  COId  PRODUCT RECOMMENDATION 2 Perlus AF 32  Check every 10 hours, change every 800 hours  USE  CLIMATE  Moderate  PRODUCT RECOMMENDATION 2 Perlus AF 32  CHECK every 10 hours, change every 800 hours  USE  CLIMATE  Moderate  PRODUCT RECOMMENDATION 2 Perlus AF 46	USE		CLIMATE
Perlus H 32  Check every 10 hours, change every 1000 hours  JSE  COW use of breaker  PRODUCT RECOMMENDATION 1  Perlus H 46  Check every 10 hours, change every 800 hours  JSE  CLIMATE  Moderate  Perlus AF 46  Check every 10 hours, change every 800 hours  JSE  COID  PRODUCT RECOMMENDATION 1  PRODUCT RECOMMENDATION 2  Perlus H 32  Check every 10 hours, change every 800 hours  JSE  CLIMATE  Cold  PRODUCT RECOMMENDATION 1  Perlus H 32  Check every 10 hours, change every 800 hours  JSE  CLIMATE  Moderate  Perlus H 36  Perlus AF 32  CLIMATE  Moderate  PRODUCT RECOMMENDATION 1  PRODUCT RECOMMENDATION 2  Perlus H 46  PRODUCT RECOMMENDATION 2  Perlus AF 46	Normal		Cold
Check every 10 hours, change every 1000 hours  USE COW use of breaker PRODUCT RECOMMENDATION 1 Perlus H 46 Check every 10 hours, change every 800 hours  USE COW use of breaker COId Check every 10 hours, change every 800 hours  USE COID CHICAGO BRODUCT RECOMMENDATION 2 Perlus H 32 Check every 10 hours, change every 800 hours  USE CLIMATE COID COID COID CHICAGO BRODUCT RECOMMENDATION 2 Perlus H 32 Check every 10 hours, change every 800 hours  USE CLIMATE Moderate  PRODUCT RECOMMENDATION 1 PRODUCT RECOMMENDATION 2 Perlus H 46 PRODUCT RECOMMENDATION 1 PRODUCT RECOMMENDATION 2 Perlus H 46 PERDUCT RECOMMENDATION 1 PRODUCT RECOMMENDATION 2 Perlus H 46 PERDUCT RECOMMENDATION 1 PRODUCT RECOMMENDATION 2 Perlus H 46	PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
CLIMATE Moderate  PRODUCT RECOMMENDATION 1 Perlus H 46  Check every 10 hours, change every 800 hours  USE COW use of breaker Cold  PRODUCT RECOMMENDATION 2 Perlus AF 46  CLIMATE COLD COLD COLD COLD COLD COLD COLD COLD	Perlus H 32	Perlus AF 32	
PRODUCT RECOMMENDATION 1 Perlus H 46 PRODUCT RECOMMENDATION 2 Perlus AF 46  Check every 10 hours, change every 800 hours  JSE Climate Cold PRODUCT RECOMMENDATION 2 Perlus H 32 Check every 10 hours, change every 800 hours  Perlus H 32 Check every 10 hours, change every 800 hours  JSE CLIMATE Cold PRODUCT RECOMMENDATION 2 Perlus AF 32 Check every 10 hours, change every 800 hours  JSE CLIMATE Moderate PRODUCT RECOMMENDATION 2 Perlus AF 46  PRODUCT RECOMMENDATION 2 Perlus AF 46	Check every 10 hours, change eve	ry 1000 hours	
PRODUCT RECOMMENDATION 1 Perlus H 46 Perlus AF 46  Check every 10 hours, change every 800 hours  USE Climate Cold PRODUCT RECOMMENDATION 2 Perlus H 32 Perlus AF 32  Check every 10 hours, change every 800 hours  USE CLIMATE Cold PRODUCT RECOMMENDATION 2 Perlus AF 32  Check every 10 hours, change every 800 hours  USE CLIMATE Moderate  CLIMATE Moderate  PRODUCT RECOMMENDATION 2 Perlus AF 46  PRODUCT RECOMMENDATION 2 Perlus AF 46	USE		CLIMATE
Perlus H 46  Check every 10 hours, change every 800 hours  USE  CONGULT RECOMMENDATION 1  PRODUCT RECOMMENDATION 2  Perlus H 32  Check every 10 hours, change every 800 hours  USE  CLIMATE  COID  PRODUCT RECOMMENDATION 2  Perlus AF 32  Check every 10 hours, change every 800 hours  USE  CLIMATE  Moderate  PRODUCT RECOMMENDATION 2  PRODUCT RECOMMENDATION 2  PRODUCT RECOMMENDATION 2  Perlus H 46  PRODUCT RECOMMENDATION 2  Perlus AF 46	20% use of breaker		Moderate
Check every 10 hours, change every 800 hours  USE CLIMATE COID PRODUCT RECOMMENDATION 1 PRODUCT RECOMMENDATION 2 Perlus H 32 Check every 10 hours, change every 800 hours  USE CLIMATE COID PRODUCT RECOMMENDATION 2 Perlus AF 32 CLIMATE Moderate PRODUCT RECOMMENDATION 1 PRODUCT RECOMMENDATION 2 Perlus H 46 PRODUCT RECOMMENDATION 2 Perlus H 46	PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
CLIMATE COW use of breaker Cold  PRODUCT RECOMMENDATION 1 PRODUCT RECOMMENDATION 2 Perlus H 32  Check every 10 hours, change every 800 hours  USE CLIMATE Moderate  CLIMATE Moderate  PRODUCT RECOMMENDATION 1 PRODUCT RECOMMENDATION 2 Perlus H 46  Perlus H 46	Perlus H 46	Perlus AF 46	
PRODUCT RECOMMENDATION 1 PRODUCT RECOMMENDATION 2 Perlus H 32 Perlus AF 32  Check every 10 hours, change every 800 hours  USE USE USE USE USE USE USE USE USE US	Check every 10 hours, change eve	ery 800 hours	
PRODUCT RECOMMENDATION 1 Perlus H 32 Perlus AF 32  Check every 10 hours, change every 800 hours  USE 40% use of breaker PRODUCT RECOMMENDATION 1 PRODUCT RECOMMENDATION 2 Perlus H 46 Perlus AF 46	USE		CLIMATE
Perlus H 32  Check every 10 hours, change every 800 hours  USE  40% use of breaker  PRODUCT RECOMMENDATION 1  Perlus H 46  Perlus AF 46  Perlus AF 46	20% use of breaker		Cold
Check every 10 hours, change every 800 hours  USE CLIMATE Moderate PRODUCT RECOMMENDATION 1 Perlus H 46 Perlus AF 46	PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
CLIMATE Moderate  PRODUCT RECOMMENDATION 1 Perlus H 46  CLIMATE Moderate PRODUCT RECOMMENDATION 2 Perlus AF 46	Perlus H 32	Perlus AF 32	
40% use of breaker  PRODUCT RECOMMENDATION 1  Perlus H 46  Perlus AF 46  Moderate  Product Recommendation 2  Perlus AF 46	Check every 10 hours, change eve	ery 800 hours	
PRODUCT RECOMMENDATION 1  Perlus H 46  Perlus AF 46	USE		CLIMATE
Perlus H 46 Perlus AF 46	40% use of breaker		Moderate
	PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
Check every 10 hours, change every 400 hours	Perlus H 46	Perlus AF 46	
	Check every 10 hours, change eve	ery 400 hours	

## KUBOTA TRACKED EXCAVATORS K/KH/KX/U KX040-4 KUBOTA D1803-CRTE4B (TIER 4F) (2012 AND AFTER)



USE CLIMATE 40% use of breaker Cold PRODUCT RECOMMENDATION 1 PRODUCT RECOMMENDATION 2 Perlus H 32 Perlus AF 32 Check every 10 hours, change every 400 hours CLIMATE 60% use of breaker Moderate PRODUCT RECOMMENDATION 1 PRODUCT RECOMMENDATION 2 Perlus H 46 Perlus AF 46 Check every 10 hours, change every 300 hours CLIMATE 60% use of breaker Cold PRODUCT RECOMMENDATION 1 PRODUCT RECOMMENDATION 2 Perlus H 32 Perlus AF 32 Check every 10 hours, change every 300 hours CLIMATE >60% use of breaker Moderate PRODUCT RECOMMENDATION 1 PRODUCT RECOMMENDATION 2 Perlus H 46 Perlus AF 46 Check every 10 hours, change every 200 hours CLIMATE >60% use of breaker Cold PRODUCT RECOMMENDATION 1 PRODUCT RECOMMENDATION 2

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

Perlus AF 32

Perlus H 32

Check every 10 hours, change every 200 hours

## KUBOTA TRACKED EXCAVATORS K/KH/KX/U KX040-4 KUBOTA D1803-CRTE4B (TIER 4F) (2012 AND AFTER)



COOLING SYSTEM Capacity: 6,7-7 liter			
USE		CLIMATE	
Normal		Moderate	
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2		
Coolant -38 Organic NF	Coolant -26		
		<u>'</u>	

Check every 10 hours, change every 24 months

SWING BEARING		
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
Check every 200 hours	'	'

SWING GEAR TEETH		
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
Check every 50 hours	'	'

TRAVEL REDUCTION UNIT Capacity: 0,65 liter (each)		
USE		CLIMATE
Normal		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
Gearlube GL-5 80W-90	Unigear HS GL-3/GL-5 80W-90	
Change every 500 hours		

use Initial service		climate Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
Gearlube GL-5 80W-90	Unigear HS GL-3/GL-5 80W-90	
Change every 50 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.