

CATERPILLAR TRACKED EXCAVATORS

231D 1NK (1989-1993)

**ENGINE**

Capacity: 13,3 liter

USE	CLIMATE
Normal	Mediterranean

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
Multifleet SCD 40	Multifleet SCD 30	

Change every 250 hours/ 1 months

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

Change every 250 hours/ 1 months

USE	CLIMATE
Normal	Cold

PRODUCT RECOMMENDATION 1		
Multifleet SCD 10W		

*Change every 250 hours/ 1 months***FINAL DRIVES**

Capacity: 53 liter

USE	CLIMATE
Normal	Mediterranean

PRODUCT RECOMMENDATION 1		
Gear Oil Alcat 50		

Check every 1 months/ 250 hours

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1		
Gear Oil Alcat 30		

Check every 1 months/ 250 hours

USE	CLIMATE
Normal	Arctic

PRODUCT RECOMMENDATION 1		
Gear Oil Alcat 10W		

Check every 1 months/ 250 hours

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HYDRAULIC SYSTEM

Capacity: 303 liter

USE	CLIMATE
Normal	Mediterranean

PRODUCT RECOMMENDATION 1

Gear Oil Alcat 30*Check every 3 months/ 500 hours, change every 12 months/ 2000 hours*

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1

Gear Oil Alcat 10W*Check every 3 months/ 500 hours, change every 12 months/ 2000 hours*

GREASE POINTS/NIPPLES

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1

MoS2 Grease EP 2

COOLING SYSTEM

Capacity: 38 liter

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1

Coolant SP 17*Change every 24 months/ 3000 hours*

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SWING REDUCTION UNIT

Capacity: 28 liter

USE	CLIMATE
Normal	Mediterranean

PRODUCT RECOMMENDATION 1

Gear Oil Alcat 50*Check every 1 months/ 250 hours*

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1

Gear Oil Alcat 30*Check every 1 months/ 250 hours*

USE	CLIMATE
Normal	Arctic

PRODUCT RECOMMENDATION 1

Gear Oil Alcat 10W*Check every 1 months/ 250 hours*

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