

MANITOU MASTED RANGE M/MC MC 50

TURBO POWERSHIFT SERIES 3-E3

PERKINS 1104D-44T (2007 AND AFTER)



ENGINE Perkins 1104D-44T
Capacity: 8,5 liter

USE
Normal

CLIMATE
Moderate

PRODUCT RECOMMENDATION 1

Agridiesel CRD+ 15W-40

PRODUCT RECOMMENDATION 2

Dieselfleet CD+ 15W-40

PRODUCT RECOMMENDATION 3

Multifleet SHPD 15W-40

Check every 8 hours, change every 6 months/ 500 hours

AXLE OSCILLATION REAR

USE
Normal

CLIMATE
Moderate

PRODUCT RECOMMENDATION 1

Labora Grease

PRODUCT RECOMMENDATION 2

Q5 MP Calcep Grease EP 2

PRODUCT RECOMMENDATION 3

MP Lithep Grease EP 2

DIFFERENTIAL FRONT Dana
Capacity: 6,2 liter, Capacity: 9,5 liter (Cooling circuit (optional))

USE
Normal

CLIMATE
Moderate

PRODUCT RECOMMENDATION 1

Agrifluid HT

Check every 250 hours, change every 6 months/ 500 hours

HUB REDUCTIONS FRONT
Capacity: 0,75 liter (each hub)

USE
Normal

CLIMATE
Moderate

PRODUCT RECOMMENDATION 1

Gearlube GL-5 80W-90

PRODUCT RECOMMENDATION 2

Unigear HS GL-3/GL-5 80W-90

Check every 8 hours, change every 12 months/ 1000 hours

USE
Initial service

CLIMATE
Moderate

PRODUCT RECOMMENDATION 1

Gearlube GL-5 80W-90

PRODUCT RECOMMENDATION 2

Unigear HS GL-3/GL-5 80W-90

Check every 8 hours, change every 6 months/ 500 hours

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**TRANSMISSION POWERSHIFT** Dana 4/3 4/3

Capacity: 12,5 liter

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1

ATF Almirol*Check every 8 hours, change every 12 months/ 1000 hours*

USE	CLIMATE
Initial service	Moderate

PRODUCT RECOMMENDATION 1

ATF Almirol*Check every 8 hours, change every 6 months/ 500 hours***HYDRAULIC SYSTEM**

Capacity: 80 liter (Hydraulic tank)

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1

Perlus H 46*Check every 50 hours, change every 1000 hours/ 12 months***HYDRAULIC BRAKE SYSTEM**

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1

LHM +*Check every 50 hours, change every 1000 hours/ 12 months***GREASE POINTS/NIPPLES**

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1

Labora Grease

PRODUCT RECOMMENDATION 2

Q5 MP Calcep Grease EP 2

PRODUCT RECOMMENDATION 3

MP Lithep Grease EP 2

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GREASE POINTS/NIPPLES MAST

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

COOLING SYSTEM

Capacity: 14,5 liter

USE		CLIMATE
Normal		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
Coolant SP 15+	Coolant SP 12	Coolant -38 Organic NF

Check every 8 hours, change every 12 months/ 1000 hours

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