PRODUCT RECOMMENDATION

MANITOU MASTED RANGE M/MC MC 70 TURBO POWERSHIFT SERIES 3-E3 PERKINS 1104D-44T (2007 AND AFTER)

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

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
Agridiesel CRD+ 15W-40	**Dieselfleet CD+ 15W-40**	**Multifleet SHPD 15W-40**

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

AXLE OSCILLATION REAR

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**

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

USE	CLIMATE
Normal	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	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
Gearlube GL-5 80W-90	**Unigear HS GL-3/GL-5 80W-90**	

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

USE	CLIMATE
Initial service	Moderate

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
Gearlube GL-5 80W-90	**Unigear HS GL-3/GL-5 80W-90**	

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

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PRODUCT RECOMMENDATION

MANITOU MASTED RANGE M/MC MC 70 TURBO POWERSHIFT SERIES 3-E3 PERKINS 1104D-44T (2007 AND AFTER)

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: 108 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	**PRODUCT RECOMMENDATION 2**	**PRODUCT RECOMMENDATION 3**
Labora Grease	**Q5 MP Calcep Grease EP 2**	**MP Lithep Grease EP 2**

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PRODUCT RECOMMENDATION

MANITOU MASTED RANGE M/MC MC 70 TURBO POWERSHIFT SERIES 3-E3 PERKINS 1104D-44T (2007 AND AFTER)

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

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.

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