

# MANITOU MASTED RANGE M/MC M 40-4

## PERKINS 1004.42 (S/N 139094 ->) (2000-2006)



**ENGINE** Perkins 1004.42  
Capacity: 7,6 liter

| USE    | CLIMATE  |
|--------|----------|
| Normal | Moderate |

| PRODUCT RECOMMENDATION 1      | PRODUCT RECOMMENDATION 2      | PRODUCT RECOMMENDATION 3      |
|-------------------------------|-------------------------------|-------------------------------|
| <b>Agridiesel CRD+ 15W-40</b> | <b>Dieselfleet CD+ 15W-40</b> | <b>Multifleet SHPD 15W-40</b> |

*Check every 10 hours, change every 400 hours/ 12 months*

| USE             | CLIMATE  |
|-----------------|----------|
| Initial service | Moderate |

| PRODUCT RECOMMENDATION 1      | PRODUCT RECOMMENDATION 2      | PRODUCT RECOMMENDATION 3      |
|-------------------------------|-------------------------------|-------------------------------|
| <b>Agridiesel CRD+ 15W-40</b> | <b>Dieselfleet CD+ 15W-40</b> | <b>Multifleet SHPD 15W-40</b> |

*Change every 50 hours*

### AXLE OSCILLATION REAR

| USE    | CLIMATE  |
|--------|----------|
| Normal | Moderate |

| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2        | PRODUCT RECOMMENDATION 3     |
|--------------------------|---------------------------------|------------------------------|
| <b>Labora Grease</b>     | <b>Q5 MP Calcep Grease EP 2</b> | <b>MP Lithep Grease EP 2</b> |

**DIFFERENTIAL FRONT** Hurth  
Capacity: 5,7 liter

| USE    | CLIMATE  |
|--------|----------|
| Normal | Moderate |

| PRODUCT RECOMMENDATION 1 |  |  |
|--------------------------|--|--|
| <b>Agrifluid HT</b>      |  |  |

*Check every 200 hours, change every 800 hours/ 12 months*

| USE             | CLIMATE  |
|-----------------|----------|
| Initial service | Moderate |

| PRODUCT RECOMMENDATION 1 |  |  |
|--------------------------|--|--|
| <b>Agrifluid HT</b>      |  |  |

*Change every 50 hours*

# MANITOU MASTED RANGE M/MC M 40-4

## PERKINS 1004.42 (S/N 139094 ->) (2000-2006)



### DIFFERENTIAL REAR Hurth

Capacity: 7 liter

| USE                         |                                    | CLIMATE  |
|-----------------------------|------------------------------------|----------|
| Normal                      |                                    | Moderate |
| PRODUCT RECOMMENDATION 1    | PRODUCT RECOMMENDATION 2           |          |
| <b>Gearlube GL-5 80W-90</b> | <b>Unigear HS GL-3/GL-5 80W-90</b> |          |

Check every 200 hours, change every 800 hours/ 12 months

| USE                         |                                    | CLIMATE  |
|-----------------------------|------------------------------------|----------|
| Initial service             |                                    | Moderate |
| PRODUCT RECOMMENDATION 1    | PRODUCT RECOMMENDATION 2           |          |
| <b>Gearlube GL-5 80W-90</b> | <b>Unigear HS GL-3/GL-5 80W-90</b> |          |

Change every 50 hours

### HUB REDUCTIONS FRONT

Capacity: 0,75 liter (each hub)

| USE                         |                                    | CLIMATE  |
|-----------------------------|------------------------------------|----------|
| Normal                      |                                    | Moderate |
| PRODUCT RECOMMENDATION 1    | PRODUCT RECOMMENDATION 2           |          |
| <b>Gearlube GL-5 80W-90</b> | <b>Unigear HS GL-3/GL-5 80W-90</b> |          |

Check every 200 hours, change every 800 hours/ 12 months

| USE                         |                                    | CLIMATE  |
|-----------------------------|------------------------------------|----------|
| Initial service             |                                    | Moderate |
| PRODUCT RECOMMENDATION 1    | PRODUCT RECOMMENDATION 2           |          |
| <b>Gearlube GL-5 80W-90</b> | <b>Unigear HS GL-3/GL-5 80W-90</b> |          |

Change every 50 hours

### HUB REDUCTIONS REAR

Capacity: 0,75 liter (each hub)

| USE                         |                                    | CLIMATE  |
|-----------------------------|------------------------------------|----------|
| Normal                      |                                    | Moderate |
| PRODUCT RECOMMENDATION 1    | PRODUCT RECOMMENDATION 2           |          |
| <b>Gearlube GL-5 80W-90</b> | <b>Unigear HS GL-3/GL-5 80W-90</b> |          |

Check every 200 hours, change every 800 hours/ 12 months

| USE                         |                                    | CLIMATE  |
|-----------------------------|------------------------------------|----------|
| Initial service             |                                    | Moderate |
| PRODUCT RECOMMENDATION 1    | PRODUCT RECOMMENDATION 2           |          |
| <b>Gearlube GL-5 80W-90</b> | <b>Unigear HS GL-3/GL-5 80W-90</b> |          |

Change every 50 hours

# MANITOU MASTED RANGE M/MC M 40-4

## PERKINS 1004.42 (S/N 139094 ->) (2000-2006)



**TRANSMISSION** Turner 4/4 4/4  
Capacity: 15,5 liter

| USE    | CLIMATE  |
|--------|----------|
| Normal | Moderate |

| PRODUCT RECOMMENDATION 1 |  |  |
|--------------------------|--|--|
| <b>ATF Almirol</b>       |  |  |

*Check every 10 hours, change every 800 hours/ 12 months*

| USE             | CLIMATE  |
|-----------------|----------|
| Initial service | Moderate |

| PRODUCT RECOMMENDATION 1 |  |  |
|--------------------------|--|--|
| <b>ATF Almirol</b>       |  |  |

*Change every 50 hours*

**HYDRAULIC SYSTEM**  
Capacity: 80 liter (Hydraulic tank)

| USE    | CLIMATE  |
|--------|----------|
| Normal | Moderate |

| PRODUCT RECOMMENDATION 1 |  |  |
|--------------------------|--|--|
| <b>Perlus H 46</b>       |  |  |

*Check every 50 hours, change every 800 hours/ 12 months*

### HYDRAULIC BRAKE SYSTEM

| USE    | CLIMATE  |
|--------|----------|
| Normal | Moderate |

| PRODUCT RECOMMENDATION 1 |  |  |
|--------------------------|--|--|
| <b>LHM +</b>             |  |  |

*Check every 50 hours, change every 800 hours/ 12 months*

### GREASE POINTS/NIPPLES

| USE    | CLIMATE  |
|--------|----------|
| Normal | Moderate |

| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2        | PRODUCT RECOMMENDATION 3     |
|--------------------------|---------------------------------|------------------------------|
| <b>Labora Grease</b>     | <b>Q5 MP Calcep Grease EP 2</b> | <b>MP Lithep Grease EP 2</b> |

# MANITOU MASTED RANGE M/MC M 40-4

## PERKINS 1004.42 (S/N 139094 ->) (2000-2006)



### GREASE POINTS/NIPPLES MAST

| USE                      |                                 | CLIMATE                      |
|--------------------------|---------------------------------|------------------------------|
| Normal                   |                                 | Moderate                     |
| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2        | PRODUCT RECOMMENDATION 3     |
| <b>Labora Grease</b>     | <b>Q5 MP Calcep Grease EP 2</b> | <b>MP Lithep Grease EP 2</b> |

### COOLING SYSTEM

Capacity: 19 liter

| USE                      |                          | CLIMATE                       |
|--------------------------|--------------------------|-------------------------------|
| Normal                   |                          | Moderate                      |
| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 | PRODUCT RECOMMENDATION 3      |
| <b>Coolant SP 15+</b>    | <b>Coolant SP 12</b>     | <b>Coolant -38 Organic NF</b> |

*Check every 50 hours, change every 800 hours/ 12 months*

*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.*