

# MANITOU MANISCOPIC MLT MLT 524

## SERIES 1 PERKINS 1004.4 (1996-1999)



**ENGINE** Perkins 1004.4  
Capacity: 7,6 liter

| USE    | CLIMATE       |
|--------|---------------|
| Normal | Mediterranean |

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

*Change every 400 hours*

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

| PRODUCT RECOMMENDATION 1    | PRODUCT RECOMMENDATION 2    | PRODUCT RECOMMENDATION 3  |
|-----------------------------|-----------------------------|---------------------------|
| <b>Kroontrak MTH 10W-30</b> | <b>Synfleet SHPD 10W-40</b> | <b>Armado Synth 5W-30</b> |

*Change every 400 hours*

| USE             | CLIMATE       |
|-----------------|---------------|
| Initial service | Mediterranean |

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

*Change every 50 hours*

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

| PRODUCT RECOMMENDATION 1    | PRODUCT RECOMMENDATION 2    | PRODUCT RECOMMENDATION 3  |
|-----------------------------|-----------------------------|---------------------------|
| <b>Kroontrak MTH 10W-30</b> | <b>Synfleet SHPD 10W-40</b> | <b>Armado Synth 5W-30</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

Capacity: 9,5 liter

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

| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 | PRODUCT RECOMMENDATION 3 |
|--------------------------|--------------------------|--------------------------|
| <b>Agrifluid HT</b>      |                          |                          |

*Change every 800 hours*

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**DIFFERENTIAL REAR**

Capacity: 5,5-10 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> |          |

*Change every 800 hours***HUB REDUCTIONS FRONT**

Capacity: 0,8 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> |          |

*Change every 800 hours***HUB REDUCTIONS REAR**

Capacity: 0,8 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> |          |

*Change every 800 hours***TRANSMISSION**

Capacity: 8,5 liter

| USE                      |  | CLIMATE  |
|--------------------------|--|----------|
| Normal                   |  | Moderate |
| PRODUCT RECOMMENDATION 1 |  |          |
| <b>ATF Almirol</b>       |  |          |

*Change every 800 hours***HYDRAULIC SYSTEM**

Capacity: 128 liter (Hydraulic tank)

| USE                      |  | CLIMATE  |
|--------------------------|--|----------|
| Normal                   |  | Moderate |
| PRODUCT RECOMMENDATION 1 |  |          |
| <b>Perlus H 46</b>       |  |          |

*Change every 800 hours*

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## HYDRAULIC BRAKE SYSTEM

| USE                      |  | CLIMATE  |
|--------------------------|--|----------|
| Normal                   |  | Moderate |
| PRODUCT RECOMMENDATION 1 |  |          |
| <b>LHM +</b>             |  |          |

## COOLING SYSTEM

Capacity: 15 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> |

## SLIDING PADS JIB

| USE                             |                                | CLIMATE                         |
|---------------------------------|--------------------------------|---------------------------------|
| Normal                          |                                | Moderate                        |
| PRODUCT RECOMMENDATION 1        | PRODUCT RECOMMENDATION 2       | PRODUCT RECOMMENDATION 3        |
| <b>Q7 MP Calcep Grease WR 2</b> | <b>Caliplex HD Grease EP 2</b> | <b>Q5 MP Calcep Grease EP 2</b> |

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