PRODUCT RECOMMENDATION

# MANITOU MANISCOPIC BT BTI 220
# PERKINS 104-19 (1994-2001)

## ENGINE Perkins 104-19
Capacity: 7,1 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** |

*Change every 300 hours*

| USE | | CLIMATE |
|---|---|---|
| Initial service | | Moderate |
| **PRODUCT RECOMMENDATION 1** | **PRODUCT RECOMMENDATION 2** | **PRODUCT RECOMMENDATION 3** |
| **Agridiesel CRD+ 15W-40** | **Dieselfleet CD+ 15W-40** | **Multifleet SHPD 15W-40** |

*Change every 50 hours*

## DIFFERENTIAL FRONT
Capacity: 4 liter

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

*Change every 900 hours*

## HUB REDUCTIONS FRONT
Capacity: 0,55 liter

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

*Change every 900 hours*

## TRANSFERBOX
Capacity: 0,4 liter

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

*Change every 900 hours*

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PRODUCT RECOMMENDATION

# MANITOU MANISCOPIC BT BTI 220
# PERKINS 104-19 (1994-2001)

## HYDRAULIC SYSTEM
Capacity: 55 liter (Hydraulic tank)

| USE | | CLIMATE |
|---|---|---|
| Normal | | Moderate |
| PRODUCT RECOMMENDATION 1 | | |
| **Perlus H 46** | | |

*Change every 900 hours*

## 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** |

## WHEEL 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** |

## COOLING SYSTEM
Capacity: 11 liter

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

*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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