

# CATERPILLAR TRACKED EXCAVATORS

## 322B 3NR (1996-2001)



**ENGINE 3116T**  
Capacity: 21,5 liter

USE  
Normal

CLIMATE  
Mediterranean

PRODUCT RECOMMENDATION 1  
**Agridiesel CRD+ 15W-40**

PRODUCT RECOMMENDATION 2  
**Dieselfleet CD+ 15W-40**

PRODUCT RECOMMENDATION 3  
**Multifleet SHPD 15W-40**

*Check every 10 hours, change every 1 months/ 250 hours*

USE  
Normal

CLIMATE  
Moderate

PRODUCT RECOMMENDATION 1  
**Synfleet SHPD 10W-40**

PRODUCT RECOMMENDATION 2  
**Multifleet SHPD 10W-40**

*Check every 10 hours, change every 1 months/ 250 hours*

**FINAL DRIVES**  
Capacity: 10 liter

USE  
Normal

CLIMATE  
Moderate

PRODUCT RECOMMENDATION 1  
**Gear Oil Alcat 30**

PRODUCT RECOMMENDATION 2  
**Gear Oil Alcat 50**

*Check every 1 months/ 250 hours, change every 12 months/ 2000 hours*

USE  
Normal

CLIMATE  
Arctic

PRODUCT RECOMMENDATION 1  
**Gear Oil Alcat 10W**

*Check every 1 months/ 250 hours, change every 12 months/ 2000 hours*

USE  
Initial service

CLIMATE  
Moderate

PRODUCT RECOMMENDATION 1  
**Gear Oil Alcat 30**

PRODUCT RECOMMENDATION 2  
**Gear Oil Alcat 50**

*Change every 250 hours*

USE  
Initial service

CLIMATE  
Arctic

PRODUCT RECOMMENDATION 1  
**Gear Oil Alcat 10W**

*Change every 250 hours*

### HYDRAULIC SYSTEM

Capacity: 141 liter (Hydraulic tank), Capacity: 265 liter (System)

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| USE                      |  | CLIMATE       |
|--------------------------|--|---------------|
| Normal                   |  | Mediterranean |
| PRODUCT RECOMMENDATION 1 |  |               |
| <b>Gear Oil Alcat 30</b> |  |               |

*Check every 10 hours, change every 2000 hours/ 12 months*

| USE                         |                               | CLIMATE                          |
|-----------------------------|-------------------------------|----------------------------------|
| Normal                      |                               | Moderate                         |
| PRODUCT RECOMMENDATION 1    | PRODUCT RECOMMENDATION 2      | PRODUCT RECOMMENDATION 3         |
| <b>Kroontrak CVT 10W-40</b> | <b>Agridiesel CRD+ 15W-40</b> | <b>Agrifluid Synth XHP Ultra</b> |

*Check every 10 hours, change every 2000 hours/ 12 months*

| USE                      |  | CLIMATE       |
|--------------------------|--|---------------|
| Up to 50% hammer use     |  | Mediterranean |
| PRODUCT RECOMMENDATION 1 |  |               |
| <b>Gear Oil Alcat 30</b> |  |               |

*Check every 10 hours, change every 1000 hours/ 12 months*

| USE                         |                               | CLIMATE                          |
|-----------------------------|-------------------------------|----------------------------------|
| Up to 50% hammer use        |                               | Moderate                         |
| PRODUCT RECOMMENDATION 1    | PRODUCT RECOMMENDATION 2      | PRODUCT RECOMMENDATION 3         |
| <b>Kroontrak CVT 10W-40</b> | <b>Agridiesel CRD+ 15W-40</b> | <b>Agrifluid Synth XHP Ultra</b> |

*Check every 10 hours, change every 1000 hours/ 12 months*

| USE                      |  | CLIMATE       |
|--------------------------|--|---------------|
| Continuous hammer use    |  | Mediterranean |
| PRODUCT RECOMMENDATION 1 |  |               |
| <b>Gear Oil Alcat 30</b> |  |               |

*Check every 10 hours, change every 600 hours/ 12 months*

| USE                         |                               | CLIMATE                          |
|-----------------------------|-------------------------------|----------------------------------|
| Continuous hammer use       |                               | Moderate                         |
| PRODUCT RECOMMENDATION 1    | PRODUCT RECOMMENDATION 2      | PRODUCT RECOMMENDATION 3         |
| <b>Kroontrak CVT 10W-40</b> | <b>Agridiesel CRD+ 15W-40</b> | <b>Agrifluid Synth XHP Ultra</b> |

*Check every 10 hours, change every 600 hours/ 12 months*

### GREASE POINTS/NIPPLES

| USE                            |                          | CLIMATE  |
|--------------------------------|--------------------------|----------|
| Normal                         |                          | Moderate |
| PRODUCT RECOMMENDATION 1       | PRODUCT RECOMMENDATION 2 |          |
| <b>HT Q9 High Grade Grease</b> | <b>Labora Grease</b>     |          |

*Change every 10 hours*

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**COOLING SYSTEM**

Capacity: 31,5 liter

| USE                      |  | CLIMATE  |
|--------------------------|--|----------|
| Normal                   |  | Moderate |
| PRODUCT RECOMMENDATION 1 |  |          |
| <b>Coolant SP 17</b>     |  |          |

Check every 10 hours, change every 72 months/ 6000 hours

**SWING GEAR**

Capacity: 18,7 liter

| 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> |

Change every 2000 hours/ 12 months

**SWING REDUCTION UNIT**

Capacity: 8 liter

| USE                      |                          | CLIMATE  |
|--------------------------|--------------------------|----------|
| Normal                   |                          | Moderate |
| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 |          |
| <b>Gear Oil Alcat 30</b> | <b>Gear Oil Alcat 50</b> |          |

Check every 1 months/ 250 hours, change every 6 months/ 1000 hours

| USE                       |  | CLIMATE |
|---------------------------|--|---------|
| Normal                    |  | Arctic  |
| PRODUCT RECOMMENDATION 1  |  |         |
| <b>Gear Oil Alcat 10W</b> |  |         |

Check every 1 months/ 250 hours, change every 6 months/ 1000 hours

| USE                      |                          | CLIMATE  |
|--------------------------|--------------------------|----------|
| Initial service          |                          | Moderate |
| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 |          |
| <b>Gear Oil Alcat 30</b> | <b>Gear Oil Alcat 50</b> |          |

Change every 250 hours

| USE                       |  | CLIMATE |
|---------------------------|--|---------|
| Initial service           |  | Arctic  |
| PRODUCT RECOMMENDATION 1  |  |         |
| <b>Gear Oil Alcat 10W</b> |  |         |

Change every 250 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

PRODUCT RECOMMENDATION

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*information contained herein is subject to changes without notification.*