

# HITACHI TRACKED EXCAVATORS ZX / ZAXIS ZAXIS / ZX 160LC-5B ISUZU AM- 4JJ1X STAGE IIIB (2012 AND AFTER)



**ENGINE** Isuzu AM-4JJ1X  
Capacity: 17 liter

| USE                                       | CLIMATE  |
|---|----------|
| Alternative, fuel sulfur level < 0,0015 % | Moderate |

| PRODUCT RECOMMENDATION 1          | PRODUCT RECOMMENDATION 2    | PRODUCT RECOMMENDATION 3             |
|-----------------------------------|-----------------------------|--------------------------------------|
| <b>Agrisynth LSP Ultra 10W-40</b> | <b>Agrisynth LSP 10W-40</b> | <b>Armado Synth LSP Ultra 10W-40</b> |

*Check every 8 hours, change every 500 hours*

## HYDRAULIC SYSTEM

Capacity: 125 liter (Hydraulic tank), Capacity: 210 liter (System)

| USE                 | CLIMATE  |
|---------------------|----------|
| Preferred, extended | Moderate |

| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 | PRODUCT RECOMMENDATION 3 |
|--------------------------|--------------------------|--------------------------|
| <b>Perlus H 46</b>       |                          |                          |

*Check every 8 hours, change every 5000 hours*

## 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> |

## COOLING SYSTEM

Capacity: 22 liter

| USE                 | CLIMATE  |
|---------------------|----------|
| Preferred, extended | Moderate |

| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 | PRODUCT RECOMMENDATION 3 |
|--------------------------|--------------------------|--------------------------|
| <b>Coolant SP 15+</b>    | <b>Coolant SP 12</b>     |                          |

*Check every 8 hours, change every 24 months/ 4000 hours*

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

| PRODUCT RECOMMENDATION 1      | PRODUCT RECOMMENDATION 2 | PRODUCT RECOMMENDATION 3 |
|-------------------------------|--------------------------|--------------------------|
| <b>Coolant -38 Organic NF</b> | <b>Coolant -26</b>       |                          |

*Check every 8 hours, change every 6 months*

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## FRONT JOINT PIN

| 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 500 hours*

## PUMP DRIVE UNIT

Capacity: 1 liter

| USE                           |                               | CLIMATE  |
|-------------------------------|-------------------------------|----------|
| Normal                        |                               | Moderate |
| PRODUCT RECOMMENDATION 1      | PRODUCT RECOMMENDATION 2      |          |
| <b>Dieselfleet CD+ 15W-40</b> | <b>Multifleet SHPD 15W-40</b> |          |

*Check every 250 hours, change every 1000 hours*

## SWING BEARING

Capacity: 0,3 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 500 hours*

## SWING GEAR

Capacity: 17 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 500 hours*

## SWING REDUCTION UNIT

Capacity: 6,2 liter

| USE                         |                                    | CLIMATE  |
|-----------------------------|------------------------------------|----------|
| Normal                      |                                    | Moderate |
| PRODUCT RECOMMENDATION 1    | PRODUCT RECOMMENDATION 2           |          |
| <b>Gearlube GL-4 80W-90</b> | <b>Unigear HS GL-3/GL-5 80W-90</b> |          |

*Check every 250 hours, change every 1000 hours*

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**TRAVEL REDUCTION UNIT**

Capacity: 6,8 liter

| USE                         |                                    | CLIMATE  |
|-----------------------------|------------------------------------|----------|
| Normal                      |                                    | Moderate |
| PRODUCT RECOMMENDATION 1    | PRODUCT RECOMMENDATION 2           |          |
| <b>Gearlube GL-4 80W-90</b> | <b>Unigear HS GL-3/GL-5 80W-90</b> |          |

*Check every 250 hours, change every 2000 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.*