

# HITACHI WHEELED LOADERS LX/ZW

## ZW310 MERCEDES-BENZ OM460LA (2006-2014)



**ENGINE** Mercedes-Benz OM460LA  
Capacity: 39 liter

USE	CLIMATE
Normal	Moderate

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

*Check every 8 hours, change every 500 hours*

USE	CLIMATE
Alternative (acceptable)	Moderate

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2
<b>Synfleet SHPD 10W-40</b>	

*Check every 8 hours, change every 400 hours*

USE	CLIMATE
Normal, fuel sulfur level 8000-18000 ppm	Moderate

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

*Check every 8 hours, change every 150 hours*

USE	CLIMATE
Normal, fuel sulfur level 3000-8000 ppm	Moderate

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

*Check every 8 hours, change every 250 hours*

**DIFFERENTIAL FRONT**  
Capacity: 48 liter (+ hub reductions)

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2
<b>Gearlube LS 80W-90</b>	

*Change every 2000 hours*

USE	CLIMATE
Initial service	Moderate

PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2
<b>Gearlube LS 80W-90</b>	

*Change every 250 hours/ 6 months*

# HITACHI WHEELED LOADERS LX/ZW

## ZW310 MERCEDES-BENZ OM460LA (2006-2014)

**DIFFERENTIAL REAR**

Capacity: 48 liter (+ hub reductions)

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1

**Gearlube LS 80W-90***Change every 2000 hours*

USE	CLIMATE
Initial service	Moderate

PRODUCT RECOMMENDATION 1

**Gearlube LS 80W-90***Change every 250 hours/ 6 months***HUB REDUCTIONS FRONT**

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1

**Gearlube LS 80W-90***Change every 2000 hours*

USE	CLIMATE
Initial service	Moderate

PRODUCT RECOMMENDATION 1

**Gearlube LS 80W-90***Change every 250 hours/ 6 months***HUB REDUCTIONS REAR**

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1

**Gearlube LS 80W-90***Change every 2000 hours*

USE	CLIMATE
Initial service	Moderate

PRODUCT RECOMMENDATION 1

**Gearlube LS 80W-90***Change every 250 hours/ 6 months*

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### TRANSMISSION + TORQUE CONVERTER

Capacity: 36 liter

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1

**Multifleet SCD 10W***Change every 1000 hours*

USE	CLIMATE
Initial service	Moderate

PRODUCT RECOMMENDATION 1

**Multifleet SCD 10W***Change every 250 hours/ 6 months*

### HYDRAULIC SYSTEM

Capacity: 230 liter (Change capacity), Capacity: 128 liter (Hydraulic tank)

USE	CLIMATE
Preferred, extended	Moderate

PRODUCT RECOMMENDATION 1

**Perlus H 46***Check every 8 hours, change every 4000 hours*

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1

**Perlus H 46**

PRODUCT RECOMMENDATION 2

**Perlus AF 46***Check every 8 hours, change every 1500 hours*

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### GREASE POINTS/NIPPLES BUCKET & LINK PINS

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*

USE	CLIMATE
Initial 250 hours	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 50 hours*

USE	CLIMATE
Initial 50 hours	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 10 hours*

### GREASE POINTS/NIPPLES PROPELLER SHAFT

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*

USE	CLIMATE
Severe	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 1000 hours*

### COOLING SYSTEM

Capacity: 59 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 SP 11</b>

*Check every 8 hours, change every 36 months/ 4000 hours*

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