

BELL EQUIPMENT TRACKED EXCAVATORS HD/HX HX230E LIEBHERR D934S



ENGINE Liebherr D934S
Capacity: 29 liter

USE	CLIMATE
Extended, fuel sulfur level <0,005 %, ambient temperature > -10°C	Moderate

PRODUCT RECOMMENDATION 1

Armado Synth 10W-40

PRODUCT RECOMMENDATION 2

Armado Synth 5W-30

Check every 10 hours, change every 500 hours

USE	CLIMATE
Normal, fuel sulfur level 0,005 % - 0,05 %, ambient temperature > -10°C	Moderate

PRODUCT RECOMMENDATION 1

Armado Synth 10W-40

PRODUCT RECOMMENDATION 2

Armado Synth 5W-30

Check every 10 hours, change every 250 hours

USE	CLIMATE
Acceptable, fuel sulfur level 0,05% - 0,1%, ambient temperature > -10°C	Moderate

PRODUCT RECOMMENDATION 1

Armado Synth 10W-40

PRODUCT RECOMMENDATION 2

Armado Synth 5W-30

Check every 10 hours, change every 125 hours

USE	CLIMATE
Normal, fuel sulfur level <0,005 %, ambient temperature < -10°C	Moderate

PRODUCT RECOMMENDATION 1

Armado Synth 10W-40

PRODUCT RECOMMENDATION 2

Armado Synth 5W-30

Check every 10 hours, change every 250 hours

USE	CLIMATE
Acceptable, fuel sulfur level 0,005% - 0,05%, ambient temperature < -10°C	Moderate

PRODUCT RECOMMENDATION 1

Armado Synth 10W-40

PRODUCT RECOMMENDATION 2

Armado Synth 5W-30

Check every 10 hours, change every 125 hours

PUMP REDUCTION UNIT

Capacity: 1,9 liter

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1

Gearlube LS 80W-90

Check every 50 hours, change every 500 hours

HYDRAULIC SYSTEM

Capacity: 500 liter (Hydraulic system including tank), Capacity: 290 liter (Hydraulic tank)

BELL EQUIPMENT TRACKED EXCAVATORS HD/HX HX230E LIEBHERR D934S



USE		CLIMATE
Flexible (max)		Mediterranean
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
Agridiesel CRD+ 15W-40	Dieselfleet CD+ 15W-40	Multifleet SHPD 15W-40

Check every 1500 hours, change every 2000 hours

USE		CLIMATE
Flexible (max)		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
Kroontrak MTH 10W-30	Synfleet SHPD 10W-40	Armado Synth 5W-30

Check every 1500 hours, change every 2000 hours

USE		CLIMATE
Severe		Mediterranean
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
Agridiesel CRD+ 15W-40	Dieselfleet CD+ 15W-40	Multifleet SHPD 15W-40

Check every 250 hours, change every 500 hours

USE		CLIMATE
Severe		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
Kroontrak MTH 10W-30	Synfleet SHPD 10W-40	Armado Synth 5W-30

Check every 250 hours, change every 500 hours

USE		CLIMATE
Severe (alternative)		Moderate
PRODUCT RECOMMENDATION 1		
Perlus Biosynth 46		

Check every 250 hours, change every 500 hours

USE		CLIMATE
Alternative, flexible (max)		Moderate
PRODUCT RECOMMENDATION 1		
Perlus Biosynth 46		

Check every 500 hours, change every 2000 hours

GREASE POINTS/NIPPLES SWING BEARING

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

Change every 8 hours

BELL EQUIPMENT TRACKED EXCAVATORS HD/HX HX230E LIEBHERR D934S



GREASE POINTS/NIPPLES SWING GEAR TEETH

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

Change every 8 hours

COOLING SYSTEM

USE		CLIMATE
Normal		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
Coolant SP 15+	Coolant SP 12	Coolant SP 11

SWING REDUCTION UNIT WITH POSITIONING SWING BRAKE

Capacity: 6 liter

USE		CLIMATE
Normal		Moderate
PRODUCT RECOMMENDATION 1		
Gearlube LS 80W-90		

Check every 500 hours, change every 1000 hours

USE		CLIMATE
Initial service		Moderate
PRODUCT RECOMMENDATION 1		
Gearlube LS 80W-90		

Change every 500 hours

SWING REDUCTION UNIT WITH STOP BRAKE

Capacity: 6 liter

USE		CLIMATE
Normal		Moderate
PRODUCT RECOMMENDATION 1		
Gearlube LS 80W-90		

Check every 500 hours, change every 1000 hours

USE		CLIMATE
Initial service		Moderate
PRODUCT RECOMMENDATION 1		
Gearlube LS 80W-90		

Change every 500 hours

BELL EQUIPMENT TRACKED EXCAVATORS HD/HX HX230E LIEBHERR D934S

**TRAVEL REDUCTION UNIT**

Capacity: 4,3 liter

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1

Gearlube LS 80W-90*Check every 500 hours, change every 2000 hours*

USE	CLIMATE
Initial service	Moderate

PRODUCT RECOMMENDATION 1

Gearlube LS 80W-90*Change every 500 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.