

# Environmental Declaration

## Underground Drill Rigs

### Drill rig data

Manufacturer		
Epiroc Rock Drills AB		
Model	Manufacturing number	Year of manufacture
Boomer WE3 C	8999332200	2018

### Engine

Manufacturer	Model
Deutz	TCD 6.1 L06
Power output [kW]	Power output as per
180	ISO 14396
Certified according to [EU]	Certified according to [US]
Stage IIIB	Tier 4i

### Vibration

Whole body [m/s <sup>2</sup> ]	As per
Cabin / Canopy	
0.07±0.07 / -	EN 16228-1, EN 16228-2

### Noise level

Cabin / Canopy [dB(A)]	Externally [dB(A)]	As per
75±3 / -	128 ± 3	EN 16228-1, EN 16228-2

### Tyre

Brand	Size	Type	Retreadable
Continental	14.00-24	Air filled	No
Oils in tread that require warning labels [%]	Zink in tread [%]	Cadmium in tread [ppm]	Ageing protection substances
<3	<2	<2	Yes

### Battery

Type	Quantity	Type	Quantity
Tudor 625 13-1.12V 125Ah	2	N/A	N/A

### Other

Paint system	Manufactured in accordance to:
High solid and powder	REACH 2006/121/EC WEEE 2012/19/EU RoHS 2011/65/EU
	Yes

## Fire Protection

Fire protection fulfills:  
Swedish Fire Protection  
Association SBF 127:16

Yes

## Recycling

Recyclability [w/v %]	Plastic parts market [%]
98%	99%

## Oils and fluids at delivery

Area	Type	Volume/Weight	Environmental adapted
Engine oil	SHELL RIMULA R4L 15W-40	15L	No
Drive shaft	Shell Spirax A 90 LS	47.7 (31+16.7) L	No
Transmission	Shell Spirax S4 TXM 10W-30	32 L	No
Engine Coolant	Shell Ethylene Glycol 50/50, -37	22L	No
Air condition Media	R134 A	1.1 kg	No
Air Condition Lubricant	Esterolja Waeco PAG	0.15 L	No
Hydraulic system	SHELL NATURELLE HF-E 46	1200L	Yes
Air Compressor	SHELL TELLUS S2V 46	9 L	No
Rock Drill lubricant	Statoil COP OIL Env. Friendly	5 L	Yes
Lubrication grease (optional)	Retinax HDX2	2 kg + 20 kg	No
Diesel tank volume	DIESEL	125L	No
Window cleaning fluid	UNIVAR Screen washer 35%	5 L	No
Cable reel gear (N/A DH)	MOBILUBE HD 85W-140	2.2 L	No
Water reel gear (Optional)	MOBILUBE HD 85W-140	2.2 L	No
Diesel Exhaust Fluid	N/A	N/A	N/A

## General

All Epiroc manufacturing sites producing Underground Drill rigs for the Underground Drilling Equipment division are certified according to the international environmental standard ISO 14001

## Modifications after delivery

On machine with certified engines, there must be no adjustments or modifications affecting the emission levels in a negative way. The supplier or engine manufacturer must be contacted in the event of the retrofitting of the catalytic converter and/or particle filter

In the event of any retrofitting or other modifications, please document those modifications below

Notes