

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 ²] Cabin / Canopy	As per
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: REACH 2006/121/EC WEEE 2012/19/EU RoHS 2011/65/EU
High solid and powder	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