Norsok S-002	Noise Data Sheet Hydraulic Power Unit	

1	Client:	Document No: anonimous	Rev.
2	Manufacturer:		0
3	Type:		
4	Working condition: Full load e.g.	Sheet: 1 of 1	
5	Serial:		
6	Service: Hydraulic power generator		
7	Container ID:		

8

Equipment Details

10 Equipment Dimensions (m)   Length   6,06   Width   2,44   Height: 2,98

11 Noise Data Obtained By: ■ Measurement   ❍ Site   ❍ Similar Equipment   ❍ Calculation

12   ■ Workshop   ❍ Identical Equipment

13 ■ Measured in Accordance With: EN-ISO 11201 and EN-ISO 3744

14 Noise Data Includes Driver: ❍ Yes   ❍ Driver Type: ❍ Driver Power kW: ■ No   ❍ N/A

15   ❍ Driver Speed: ❍ Rev/Min:

16 Auxiliaries Included: ❍ Yes   ■ Description of Auxiliaries: Valves to simulate hydraulic load   ❍ No   ❍ N/A

Equipment Noise Limits

Octave band center frequency (Hz)	L_p (dB)									L_{pA} (dB)	Reference to standard
	31,5	63	125	250	500	1000	2000	4000	8000		
Emission sound pressure level										85	EN-ISO 11201
Sound power level										none	EN-ISO 3744

As Build Noise Data

Octave band center frequency (Hz)	L_p (dB)									L_{pA} (dB)	Reference to standard
	31,5	63	125	250	500	1000	2000	4000	8000		
Emission sound pressure level	NA	83	88	89	80	79	73	68	62	85	EN-ISO 11201
Surface average sound pressure level	NA	73	77	79	76	71	66	61	55	77	EN-ISO 3744

Both sound pressure levels are at 1m distance from the package surface

$\Delta L = L_W - L_p = 21,2$

Octave band center frequency (Hz)	L_W (dB)									L_{WA} (dB)	Reference to standard
	31,5	63	125	250	500	1000	2000	4000	8000		
Sound power level	NA	94	99	100	97	93	87	82	77	98	EN-ISO 3744

Notes

1. L_W refers to the sound power level in dB (re. 1 pW). L_p refers to the sound pressure level in dB (re. 20 µPa) at 1 m distance from the equipment surface in essentially free field conditions over a reflecting plane.

2. Descriptor SWL is replaced by L_W, and SPL is replaced by L_p, in order to achieve compliance with ISO standards

3. Emission sound pressure level is the highest sound level at any bystander position at 1m distance.

4. Octave band levels are unweigthed

Vendor Notes:

Calculations made for this data sheet, and a description of all the details regarding the measurement,

are reported in document xxxx from Technisch bureau van Eeden