

# Übersicht Partikelemissionen

MTU 6H 1800 R82  
Daimler 460.951



	Messpunkt [-]	Drehzahl [1/min]	Drehmoment [Nm]	Spez. Ruß [g/kWh]	Abweichung HVO/DK [%]	Spez. PN [10 <sup>12</sup> /kWh]	Abweichung HVO/DK [%]	Spez. PN23 [10 <sup>12</sup> /kWh]	Abweichung HVO/DK [%]
<b>Diesel</b>	C1.1	1800	1751.2	0.0212		44.59		34.69	
	C1.2	1800	1333.0	0.0418		107.67		84.53	
	C1.3	1799	889.0	0.1089		286.76		238.51	
	C1.4	1799	444.9	0.4445		892.31		801.35	
	C1.5	1300	1978.8	0.0195		32.10		24.25	
	C1.6	1300	1500.1	0.0326		63.03		52.37	
	C1.7	1300	1000.1	0.0858		164.11		139.44	
	C1.8	800	8 (2.3)	1.7337		8256.65		1828.50	
<b>HVO</b>	C1.1	1800	1661.6	0.0214	<b>1.04</b>	67.30	<b>50.92</b>	51.35	<b>48,046</b>
	C1.2	1800	1333.0	0.0387	<b>-7.55</b>	128.39	<b>19.24</b>	99.69	<b>17,946</b>
	C1.3	1799	888.7	0.1085	<b>-0.37</b>	332.21	<b>15.85</b>	273.00	<b>14,463</b>
	C1.4	1799	444.6	0.2980	<b>-32.96</b>	768.37	<b>-13.89</b>	678.48	<b>-15,333</b>
	C1.5	1300	1876.3	0.0233	<b>18.99</b>	46.02	<b>43.38</b>	38.46	<b>58,616</b>
	C1.6	1300	1500.1	0.0355	<b>9.04</b>	81.56	<b>29.40</b>	69.02	<b>31,784</b>
	C1.7	1300	1000.1	0.0666	<b>-22.40</b>	164.26	<b>0.09</b>	139.83	<b>0,279</b>
	C1.8	800	8 (1.3)	1.29	<b>-25.59</b>	2880.10	<b>-65.11</b>	1790.24	<b>-2,092</b>

# Übersicht gasförmige Emissionen

MTU 6H 1800 R82  
Daimler 460.951



	Mess- punkt [-]	Drehzahl [1/min]	Dreh- moment [Nm]	Spez. NO [g/kWh]	Abw. HVO/DK [%]	Spez. NOx [g/kWh]	Abw. HVO/DK [%]	Spez. CO [g/kWh]	Abw. HVO/DK [%]	Spez. HC [g/kWh]	Abw. HVO/DK [%]	Spez. CO2 [g/kWh]	Abw. HVO/DK [%]	Spez. O2 [g/kWh]	Abw. HVO/DK [%]
<b>Diesel</b>	C1.1	1800	1751.2	3.411		5.33		0.23		0.02		671.08		759.30	
	C1.2	1800	1333.0	2.844		4.50		0.33		0.04		719.92		1023.17	
	C1.3	1799	889.0	2.543		3.95		0.54		0.05		735.25		1262.19	
	C1.4	1799	444.9	3.985		6.56		1.38		0.12		896.10		2049.35	
	C1.5	1300	1978.8	3.547		5.48		0.31		0.02		643.15		527.43	
	C1.6	1300	1500.1	3.072		4.80		0.42		0.03		679.93		645.03	
	C1.7	1300	1000.1	2.921		4.58		0.61		0.05		757.02		854.62	
	C1.8	800	8 (2.3)	67.567		119.901		34.344		8.518		11469.97		127294.6	
<b>HVO</b>	C1.1	1800	1661.6	2.66	<b>-22.17</b>	4.45	<b>-16.46</b>	0.26	<b>13.14</b>	0.02	<b>-9.68</b>	655.18	<b>-2.37</b>	830.67	<b>9.40</b>
	C1.2	1800	1333.0	2.22	<b>-22.03</b>	3.71	<b>-17.48</b>	0.33	<b>0.18</b>	0.02	<b>-37.31</b>	664.42	<b>-7.71</b>	1006.62	<b>-1.62</b>
	C1.3	1799	888.7	2.07	<b>-18.67</b>	3.46	<b>-12.50</b>	0.57	<b>4.84</b>	0.04	<b>-25.89</b>	723.46	<b>-1.60</b>	1326.14	<b>5.07</b>
	C1.4	1799	444.6	2.95	<b>-25.85</b>	5.08	<b>-22.48</b>	1.26	<b>-8.75</b>	0.08	<b>-31.61</b>	775.20	<b>-13.49</b>	1890.41	<b>-7.76</b>
	C1.5	1300	1876.3	2.89	<b>-18.53</b>	4.85	<b>-11.51</b>	0.39	<b>25.99</b>	0.01	<b>-15.93</b>	642.12	<b>-0.16</b>	577.94	<b>9.58</b>
	C1.6	1300	1500.1	2.47	<b>-19.64</b>	4.13	<b>-13.98</b>	0.48	<b>12.69</b>	0.02	<b>-40.15</b>	650.38	<b>-4.35</b>	651.10	<b>0.94</b>
	C1.7	1300	1000.1	2.23	<b>-23.70</b>	3.73	<b>-18.71</b>	0.59	<b>-3.16</b>	0.03	<b>-37.90</b>	684.41	<b>-9.59</b>	814.52	<b>-4.69</b>
	C1.8	800	8 (1.3)	36.811	<b>-45.52</b>	63.636	<b>-46.93</b>	17,281	<b>-49.68</b>	3.635	<b>-57.32</b>	6917.54	<b>-39.69</b>	80196.66	<b>-37.0</b>