

Table S1: Comparison of examined factors of treatments with low (22 °C) and high (100 °C) oil temperature Mean $\pm$ SD; significance was tested with paired t-test, if there is a significant difference ($p < 0.05$) between temperature it is shown with * or not significant with n.s.

	Treatment 1 Low 22 °C	Treatment 2 Medium 22 °C	Treatment 3 High 22 °C	Treatment 8 Low 100 °C	Treatment 9 Medium 100 °C	Treatment 10 High 100 °C
CO₂cum (mg CO₂ vessel⁻¹)	169.7 $\pm$ 32.5	671.7 $\pm$ 74.2	887.9 $\pm$ 121.2	148.8 $\pm$ 38.6 *	656.5 $\pm$ 79.4 ^{n.s.}	909.7 $\pm$ 103.7 ^{n.s.}
CO₂max (mg CO₂ h⁻¹)	0.4 $\pm$ 0.2	1.5 $\pm$ 0.6	1.5 $\pm$ 0.6	0.4 $\pm$ 0.2 ^{n.s.}	1.7 $\pm$ 0.7 ^{n.s.}	1.5 $\pm$ 0.6 ^{n.s.}
tCO₂max (h)	77 $\pm$ 45	37 $\pm$ 5	35 $\pm$ 5	64 $\pm$ 42 ^{n.s.}	36 $\pm$ 6 ^{n.s.}	34 $\pm$ 6 ^{n.s.}
Oil mineralization (%)	39.7 $\pm$ 6.0	21.4 $\pm$ 1.8	9.6 $\pm$ 1.3	35.8 $\pm$ 12.2 ^{n.s.}	20.0 $\pm$ 2.4 ^{n.s.}	10.0 $\pm$ 1.2 ^{n.s.}
Priming effect	2.2 $\pm$ 0.2	3.7 $\pm$ 1.4	4.2 $\pm$ 0.8	1.9 $\pm$ 0.1 ^{n.s.}	4.4 $\pm$ 1.3 ^{n.s.}	3.9 $\pm$ 0.7 ^{n.s.}