

$$[2H_3N + CH_3] = [2H_3N] + CH_3$$

8-60 A - CH₃

C 5 0.02 work/h
 1500K

VS 0.02

K_s 8.1. 10⁻² work.c

$$v_s = k [C_2 - C_1] \quad [v_s = k [C_{CH_3}]]$$

(C₀ - v_s)
 K₀ - v_s

as k. (C_{CH₃}) / (C_{CH₃})
 vs k (2 CH₃) / (C_{CH₃})
 vs 2 CH₃, v_s vs
 parasymplytymenore 6 2 p₀s

$$K [C_0] [C_1] = v_s$$

as v_s / C_{CH₃}
 C_{CH₃} / N C_{CH₃}

$$[C_2 - C_1] = k [C_{CH_3}]$$

$$\frac{v_s}{k} = C_2 - C_1$$

$$\frac{v_s}{k} = 8.1 \cdot 10^{-2} \cdot 0.02$$

0.9

$$\Delta T = 0.9$$

$$\frac{8.1 \cdot 10^{-2} \cdot 0.02}{2} = 555, 6 \text{ work}$$