$$
: \begin{array}{l}
f_{T2}(F_1 \wedge F_2)(s,s') = f_{T2}(F_1)(s,s') \wedge f_{T2}(F_2)(s,s') \\
f_{T2}(F_1 \vee F_2)(s,s') = f_{T2}(F_1)(s,s') \vee f_{T2}(F_2)(s,s') \\
f_{T2}(\neg F_1)(s,s') = \neg f_{T2}(F_1)(s,s') \vee f_{T2}(F_2)(s,s') \\
f_{T2}(t_1 = t_2)(s,s') = (f_{T2}(t_1)(s,s') = f_{T2}(t_2)(s,s')) \\
f_{T2}(t_1 < t_2)(s,s') = (f_{T2}(t_1)(s,s') < f_{T2}(t_2)(s,s')) \\
f_{T2}(t_1 + t_2)(s,s') = f_{T2}(t_1)(s,s') + f_{T2}(t_2)(s,s') \\
f_{T2}(t_1 - t_2)(s,s') = f_{T2}(t_1)(s,s') - f_{T2}(t_2)(s,s') \\
f_{T2}(K * t_1)(s,s') = K \cdot f_{T2}(t_1)(s,s') \\
f_{T2}(x)(s,s') = s(x) \\
f_{T2}(x')(s,s') = s'(x)
\end{array}
$$

We can then write more precisely the conditi