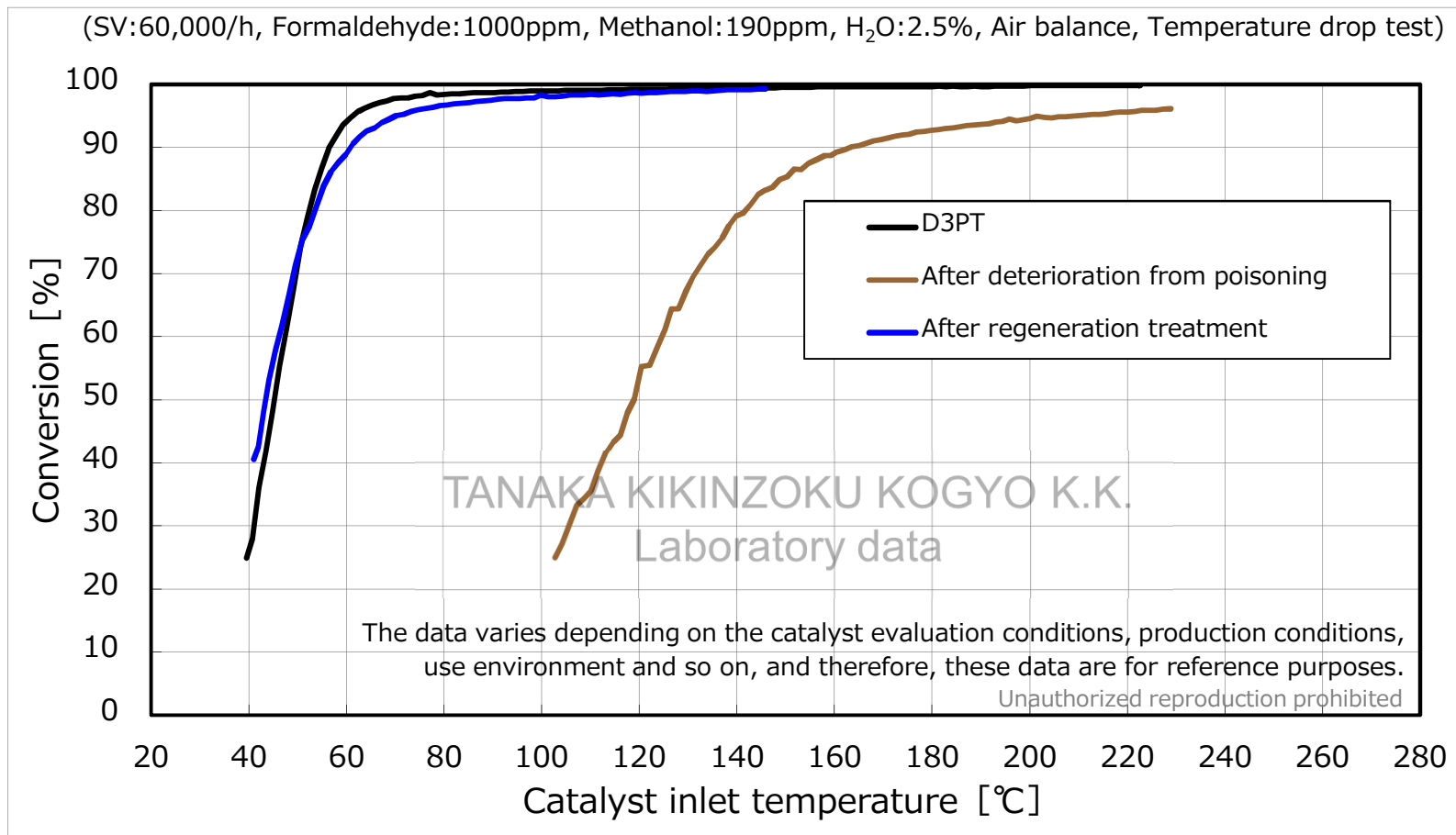


Example of Silicon Poisoning and Catalyst Regeneration Treatment



This is an example of catalyst poisoning by a silicon compound and regeneration of activity by our catalyst regeneration treatment.

By applying our regeneration treatment reuse of a catalyst whose performance has deteriorated because of silicon or phosphorous compounds can be investigated.

However, the catalyst is damaged by the regeneration treatment, meaning that the number of times that regeneration can be performed is limited. Treatment may not be possible, or function may be not restored even after performing regeneration, due to customer-side factors including region of usage, usage and other conditions, adhesion of harmful substances, and type of catalyst, so please confirm with us in advance.