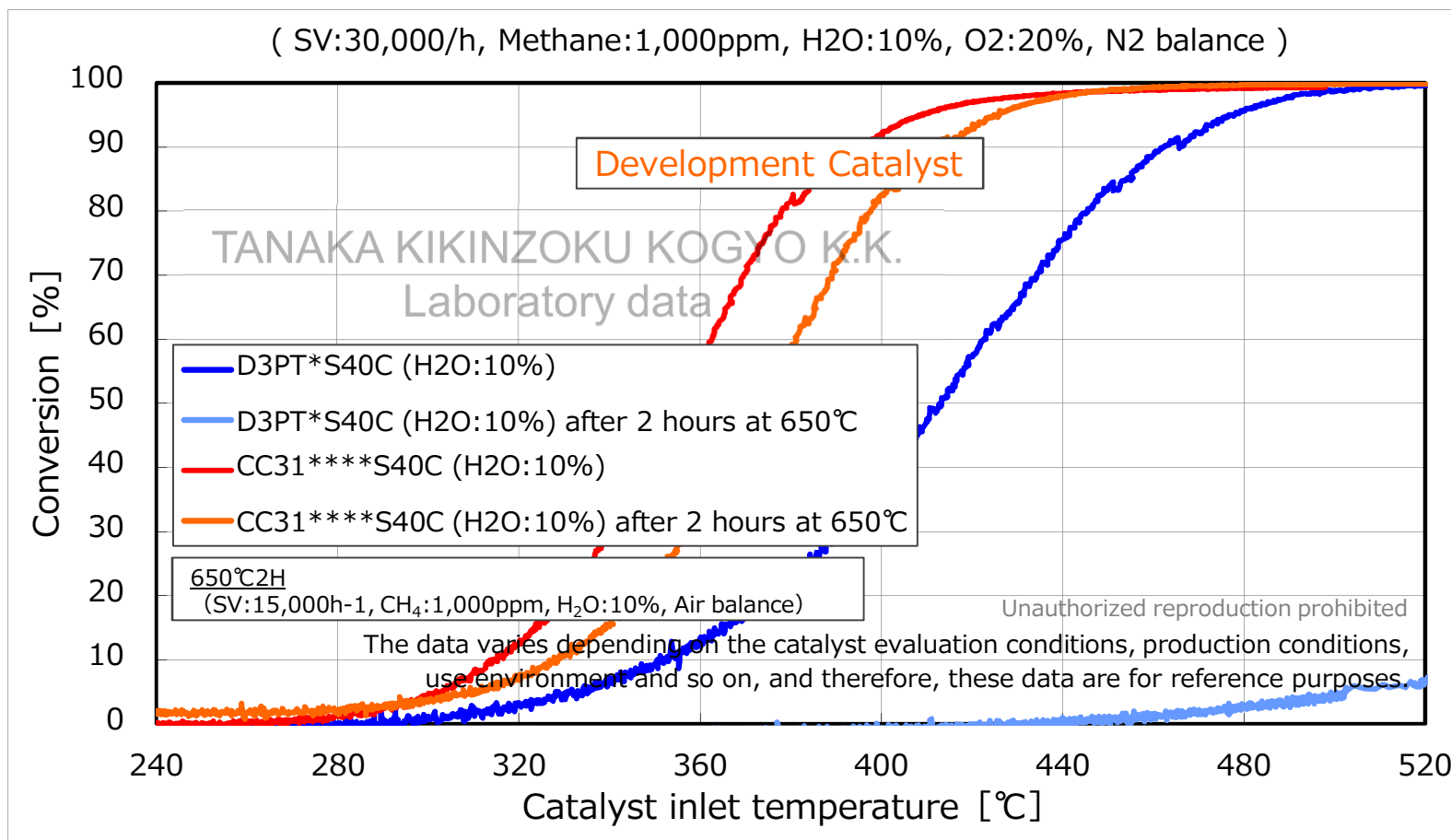


Example of Methane Purification (2)



Material name	Type	Chemical formula	Rational formula	Boiling point (Approx.)	Explosion limit Concentration lower limit (Approx.)	Temperature increase 1000ppm@25°C Air (Approx.)
Methane	Alkane	CH ₄	CH ₄	-161.6°C	5.0%	30°C

In addition to poisoning from sulfur components, deterioration of performance occurs as a result of thermal degradation, and gradual changes on the surface condition of the catalyst. The purification temperature also varies depending on the moisture content.

We can also propose catalysts developed for methane purification.

Please contact us for details.