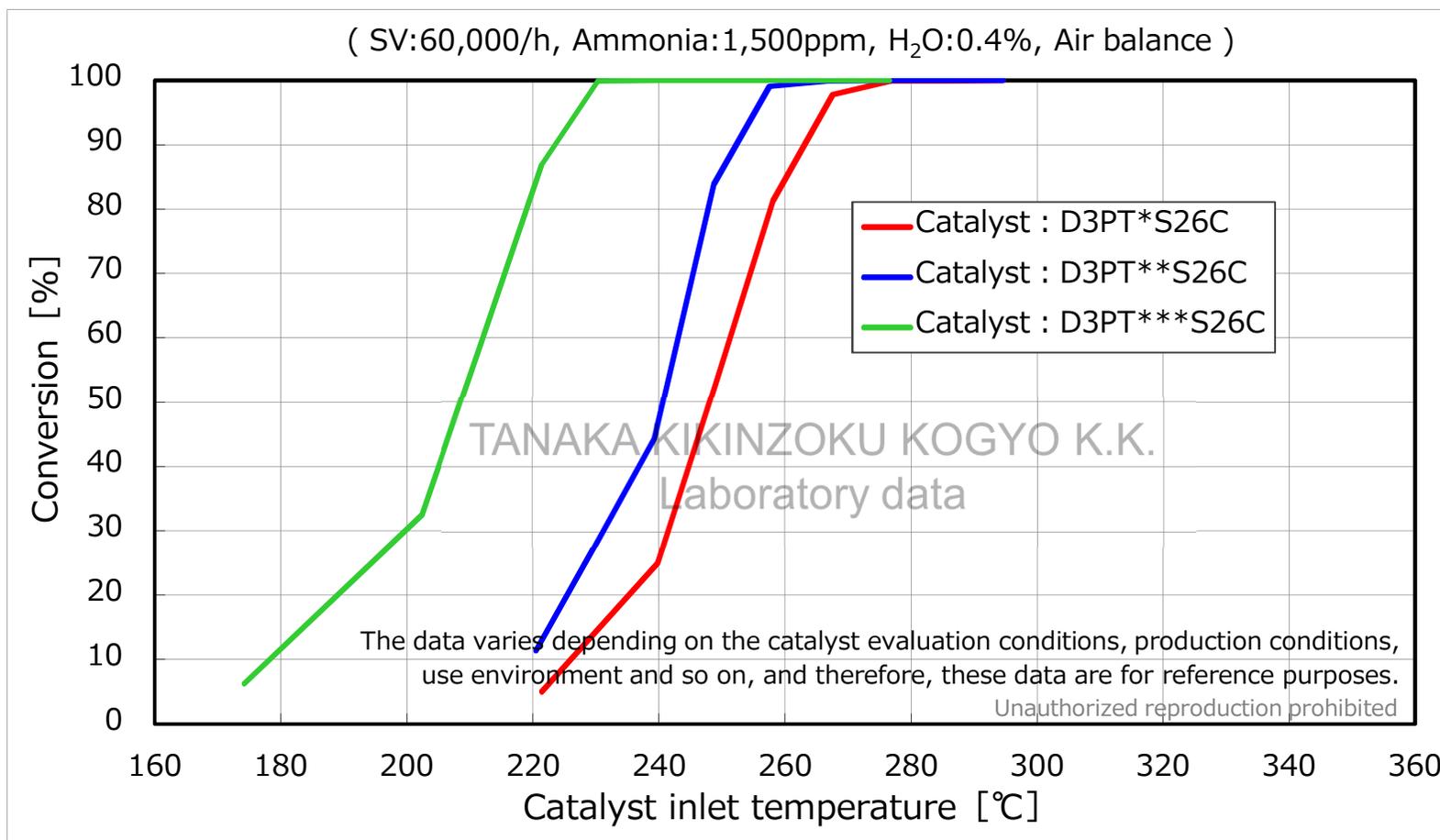


Example of Ammonia Purification



| Material name | Type | Chemical formula | Rational formula | Boiling point (Approx.) | Explosion limit Concentration lower limit (Approx.) | Temperature increase 1000ppm@25°C Air (Approx.) |
|---------------|-------|------------------|------------------|-------------------------|---|---|
| Ammonia | Amine | NH ₃ | NH ₃ | -33.3°C | 15.0% | 11°C |

By controlling the cell density, SV, precious metal amount, and so on, further increases in the attained Exhaust Gas Purification efficiency and Exhaust Gas Purification performance can be considered. For information on the effects of poisoning substances and so on, refer to "Exhaust Gas Purification Catalysts" under Product Solutions. We are developing catalysts that can curtail the generation of byproduct NO_x and N₂O. Please contact us for details.