# US10+6(Including OBD2013) HDE11 Normal Regen Sensor Values

We are frequently asked to help with conditions that could be blocking catalyzed DPF systems from doing a proper Regeneration. The following values may help in determining a possible root cause.

First, the software level must be current. If Regenerations continue to fail with current software, look at the Sensor readings for clues during the first 15 minutes of an initiated Regeneration.

Torque values exceeds 369 lbs./ft. (500 Nm)

VGT opens beyond 13%

Boost exceeds 12 PSIG

Engine speed varies beyond +/- 10 rpm

Engine load over 20%

If the above readings are met, the turbo has the highest probability of being at fault