

CASE STUDY

CUMMINS QSK60



CUMMINS QSK60 (HPI Engine)

Working with OEM's to complete thermography testing of controlled dyno loaded Engines.

OEM Engine Specification

Cummins QSK60 HPI Engine.

Dyno Parameters

Engie run to rated hp and torque @ 1800rpm / 2500Hp. Dyno Temp 56°C / Fuel Temperature 17°C.

Observations

OEM exhaust sensors indicated Left Bank (Unlagged) internal exhaust temperate of 449°C, Right Bank (Lagged) recording 456°C (7°C temperature differential).

Mammoth Pyrogard product significant reduction in surface temperature, maximum value of 178°C (Thermal reduction of 262°C).

OEM Cummins QSK60 (HPI Engine)
(Rated operating temperature)

Engine Component	Unlagged	Lagged
	Temperature (°C)	Temperature (°C)
Turbo Snail	445	166
Muffler Inlet	440	178

