



EXCLUSIVE TO:



# WHY DID THE TURBO FAIL?

High quality turbochargers are expensive but very reliable. Fewer than 1% fail due to manufacturing faults and the majority of failures are oil related. It is strongly recommend to use the the correct OEM specification oil, which will guarantee consistent performance and maintain the component warranty.

## OIL RELATED REASONS FOR TURBO FAILURE

### OIL STARVATION CAUSED BY:

- Blockages (e.g. carbon deposits)
- Leaking pipes
- Low oil level
- Seal failure on pipes
- Worn oil pump

### OIL CONTAMINATION FROM:

- Carbon deposits
- Fuel
- Incorrect or poor quality oil
- Malfunctioning filter bypass valve

Turbo, EGR and DPF manufacturers will refuse warranty if incorrectly specified or poor quality oil is the cause of failure. All NAPA lubricants are blended to meet or exceed the OEM specifications stated.



[www.NAPA-oil.co.uk](http://www.NAPA-oil.co.uk)

e: [technicalsupport@NAPA-oil.co.uk](mailto:technicalsupport@NAPA-oil.co.uk)

t: 0121 568 2359