

## WHY DID THE TURBO FAIL?

BTN Turbos are the largest independent turbo distributor in the world. BTN turbochargers are very reliable, and fewer than 1% fail due to manufacturing faults. The majority of failures are oil related, which is why BTN strongly recommend using 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 TruckTEC & TradeTEC Lubricants are blended to meet or exceed the OEM specifications stated.

