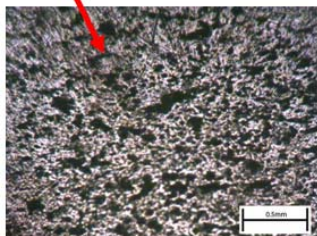
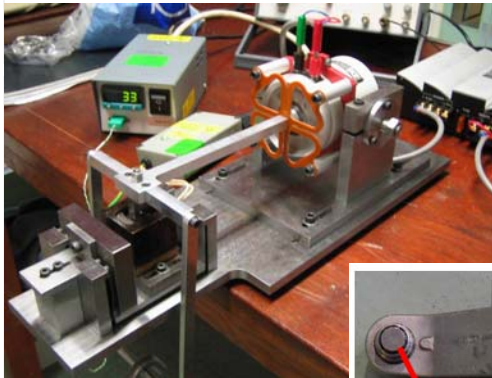
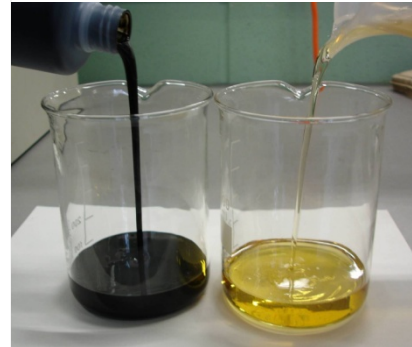


Soot Contamination of Engines

How does Engine Oil get Dirty?

- Diesel combustion produces soot particles
- Up to 70% are retained within the engine and adsorbed by the lubricant
- Soot is the main contaminant in engine oil from diesel engines
- Engine oil also degrades with time and use, affecting petrol engines too



What Happens when Oil is Dirty?

- Friction increases, reducing the efficiency
- Wear of engine components increases and eventually can starve areas of lubricant
- Sludge deposits created within the engine
- Ultimately a reduction in effectiveness of an engine lubricant's function can lead to failure or damage