



Blast of Innovation

Fuel Security & Safety Devices

Matthew Rose TISS



TankSafe®

Fuel Loss Prevention



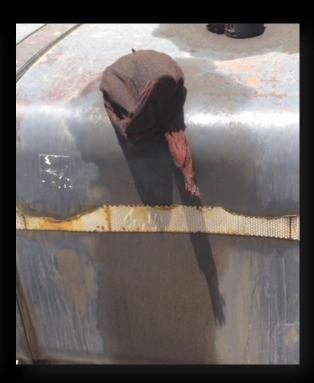
TISS Ltd, double Queen's Award winners in 2014 for International Trade and 2018 for Innovation



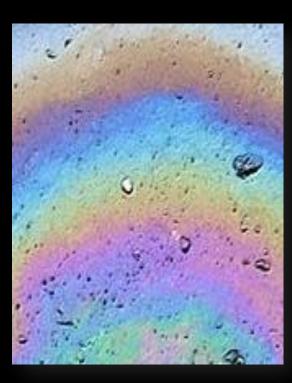
Three issues







Overfilling



Spillage





Theft

Visible



3rd Party Theft

- accounts for 1% of all fuel theft
- large quantities
- usually occurs when Trucks parked overnight

Invisible



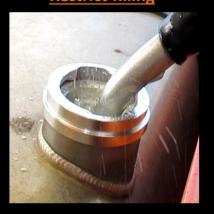
'Skimming'

- accounts for 99% of all fuel theft
- regular theft of small quantities
- difficult to detect with fuel monitoring equipment



Anti-siphon devices – the issues

Restrict filling



Insecure Fitting



Vulnerable to attack



Skimming



Small siphoning tubes





TankSafe® 'Optimum' Device



- 1. Prevents Skimming and 3rd party theft
- 2. Prevents Overfilling
- 3. Prevents Spillages



What our fuel inspection is checking for:



Poorly fitted caps or broken seals



Damaged caps



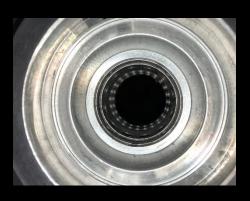
Poorly fitted anti-siphons



No anti-siphon or spill mechanism



Brimmed fuel tank

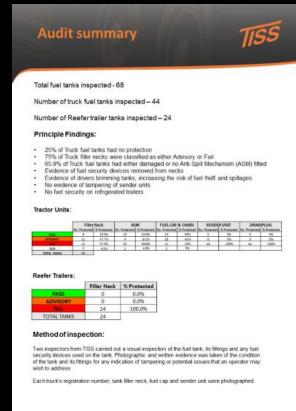


Damaged anti-siphon



Fuel Tank Inspection Service







Provides piece of mind that your fleet is protected against fuel loss

OR

identifies possible areas for attention





Fuel Tank Inspection Findings

Threat level	Fuel tanks	%
Pass	285	23
Advisory	275	20
Fail	412	57
Total	972	100%

- 77% of tanks inspected at risk of fuel theft or spillages from filler neck
- Zero protection of sender units or drain plugs
- 68% of caps and/or chains broken and in need of replacing





Matthew Rose 07792 796 978

01253 400 401 www.tissltd.com