



Fuelstar

Fuel Combustion Technology
Limited

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FUEL MINIMISATION TIPS – CLASS 8 TRUCKS

- Use trucks with automatic rather than manual transmission and insist that drivers not override the auto except in case of emergency. Truck engines use fuel at a far greater rate between 1850 and maximum revs (normally around 2250 rpm), especially when under load. When starting off from stationary, the automatic transmission will normally change gears at around 1650 rpm thus ensuring that the drivers not enter the high fuel usage window between 1850 and 2250 rpm.
- Instruct drivers to not exceed 90kph (55 mph) which is approximately 1800 rpm or 100kph (60 mph) maximum. Engines use excessive rates of fuel when used in excess of this engine speed.
- Instruct drivers to run in cruise control thus minimising fluctuations on the throttle which would inevitably result in higher fuel use.
- Instal a Fuelstar. This will improve fuel consumption by an additional 12 to 15% provided the extra power generated by the Fuelstar is not used and the above fuel minimisation tips are adhered to.