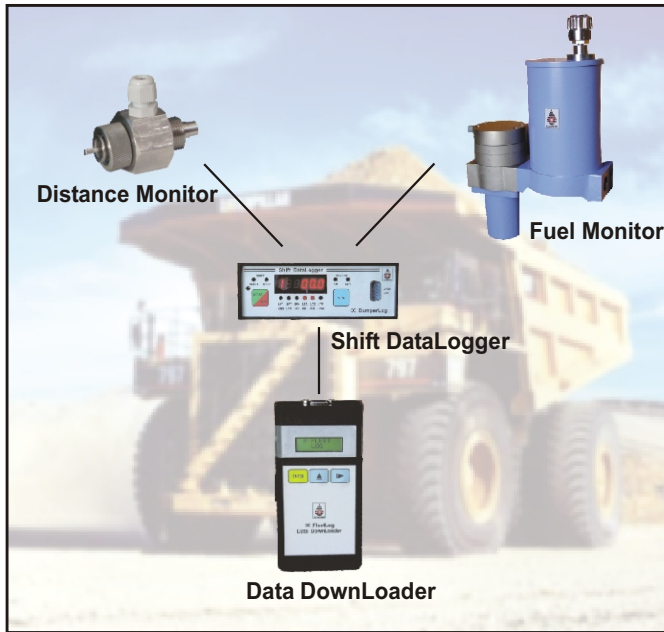




# Dumper Log : Dump Truck Efficiency Monitoring System For The Mining and Construction Industry



## Specifications

<b>Power Supply</b>	24V Vehicle Battery
<b>Measured Parameters</b>	*Net Fuel Consumption ( Litres ) *Distance Travelled (Kms ) *Engine Hours clocked ( Hrs )
<b>Accuracy of fuel Measured</b>	± 0.5% of reading
<b>Accuracy of Kms measured</b>	± 0.001 KM
<b>Accuracy of Engine Hrs.</b>	± 10 Seconds
<b>Display</b>	6 Digit, 7 Segment Red LED
<b>Parameter Displayed</b>	*Fuel Consumed *Kms travelled *Engine Run Hrs *Fuel Flow Rate *Real Time, Dat and Date
<b>Data Storage</b>	Max. 90 Shift ( 30 days )before down loading
<b>Program idling Interval</b>	0 - 99 minutes Dumper Report
<b>Software Utility</b>	Occupy Disc Space : 30 KB OS required : Windows 98 & above

## Shift Analysis Report

### Overall Efficiency

Date : 18/08/03  
User : Fluidyne  
Vehicle ID : 85 - 054

Shift Start Date : 18/08/03 Shift Stop Date : 18/08/03  
Shift Start Time : 07:00 Shift Stop Time : 15:00

Overall Shift Data

Date	Shift	KM	Litre	Hrs.	KMLit	Lit/Hr
18/08/03	I	60	325	4.6	5.4	70.6
18/08/03	II	64	355	4.9	5.5	72.4
18/08/03	III	42	239	3.2	5.7	74.6
Total		166	919	12.7	Avg. 5.3	Avg. 72.5

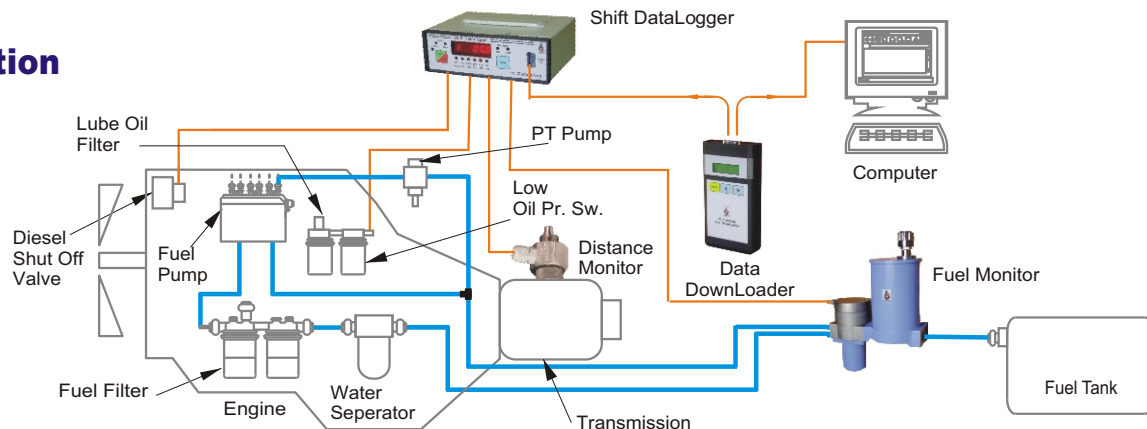
## Introduction

Fluidynes DumperLog Dumtruck Efficiency Monitoring System is a unique concept of Dumptruck Efficiency measurement in the harsh environment of open cast and continuous mines and construction sites. Apart from accurate measurement and logging of a fuel consumption, Kms covered and Engine Run Time it provides innovative features to conserve diesel fuel and reduce engine wear. The system generates detailed computerised reports on shiftwise analysis of vehicle operations.

## Features

- Suitable for all makes of engines for 25T/40T/85T/120T dumpers.
- Unique return fuel deaeration for Cummins PT fuel system.
- Measures and logs net fuel consumption, Kms travelled and engine run hrs.
- Provides auto engine cut off to minimise extended engine idling.
- Computes mileage ( Lit. / Km ) and an average consumption ( Lit. / Hrs. ).
- Software utility for generation of shift analysis report.
- Tamper proof construction for controlling fuel pilferage.

## Installation



Fluidyne Control Systems (P) Ltd.

S. No. 81/4B, Near Agarwal Godown,  
Shivne, Pune-411 023, India  
Phone: 020-25290504, 25290870 Fax: 020-25292773  
E-mail: fluidyne@vsnl.net