

Case Study



Solve multiple problems at one go
with

Yamada K GK metering valve

CLIENT

Denso
India

Denso India, a leading manufacturer of automotive electrical components in India, has a grease lubrication system which was not working optimally.

Challenges

The maintenance team at Denso India encountered several problems with the grease lubrication system: the grease dispensation was inconsistent; the grease quantity dispensed was higher; and there were leakages – leading to sizable wastage of grease.

Denso India approached A.T.E. to find a lasting solution to these long-standing problems.

Solution

A detailed study by the A.T.E. team of the problems faced revealed that the formation of air bubbles in the greasing line was the underlying cause that led to inconsistent and inaccurate dispensing of grease.

As per A.T.E.'s recommendation, Denso replaced their European make metering valve with the Yamada K GK metering valve in their lubrication line.

Results

The results were astonishing!

- The problem of air bubbles in the greasing line was resolved
- The metering valve dispensed the correct dose of grease as set
- It is now possible to program the metering valve to dispense the exact amount of grease according to the size of the product, leading to accurate and precise dispensing
- Grease leakage was stopped
- Saving in cost and improved efficiency of the system



Denso India is extremely pleased with the benefits of the Yamada metering valve and the service provided by A.T.E.

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