

# ***Advanced Friction Modifying Technology***

## **Lofrix® Application Case Study**

### **Forklift Truck Service Life**

To protect the confidence of clients, certain information is changed or disguised.

A forklift truck is typically a heavily used piece of machinery found in a wide range of industrial and service locations. Loads carried and working conditions have a dramatic effect on machine life and maintenance cost.

In many locations forklift trucks are hired rather than owned by the company using them. In this application the company owned some and hired others under a 5-year service contract.

Loads carried are not particularly heavy and the terrain over which they travel has good quality paving. Nonetheless kingpin steering sets on these trucks were prone to constant rapid failure with 2 or 3 replacements being required during an 18-month period. Replacement was associated with work to the axle beam and ultimately this would have had to be replaced as well.

Lofrix® grease was applied to the kingpin bearings following the most recent repairs and for 15-months no further repair has been necessary.



***Kingpin greased with Lofrix Grease***

*Power and energy conservation is of paramount importance to manufacturing and process industries. This simple performance enhancing treatment will return huge savings at low cost. **Lofrix®** has a cost to performance ratio warranting its introduction in almost all applications.*

**Lofrix Associates** provide a friction optimising service to manufacturing and process industries. Lofrix® will treat most formulated and specialist lubricants.

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