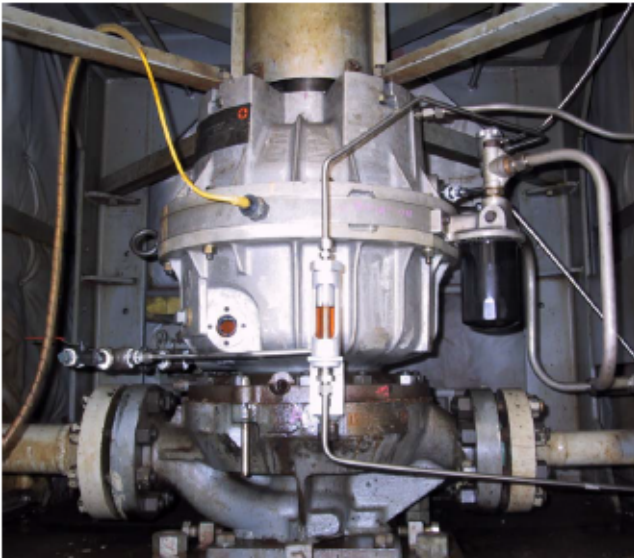


APPLICATION BULLETIN....

High Speed Vertical Pump “Sundyne”



Case History:

A refiner in Southeast Asia operates a group of three high speed vertical pumps in a critical service with two pumps being standby at all times. Despite being rotated every two months, this group of pumps was experiencing rapid corrosion and averaging two failures each year. LSC implemented application of Purge Mist to these pumps for many years ago. To date no corrosion has been observed and no failures have occurred. This expects only one year payback for Oil Mist application.

LubriMist Oil Mist Applied To High Speed Vertical Pumps Reduces Corrosion and Improves Pump Reliability.

Repair Costs Very High for These Specialized Pumps:

High speed of 12-16k rpm mean vertical pumps must be removed from service frequently (every 30-60 days). Special metal alloys required for this service subject to rapid corrosion, particularly in humid climates.

Repairs to gearboxes on High Speed Vertical Pumps due to corrosion can easily run \$10,000.

The Solution:

Applying Oil Mist Lubrication to your high speed vertical pumps prevents ingress of moisture and assures that all metal surfaces are coated with oil, whether in operation or in standby mode. LSC recommends applying oil mist lubrication to high speed vertical pumps to eliminate the failure due to rapid corrosion.