

PAPER MILL EXTENDED VACUUM PUMP LIFE WITH SHELL GADUS S3 V220C 2

TOTAL ESTIMATED ANNUAL CUSTOMER SAVING **US\$114,400**

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COMPANY: Paper Mill Operator
LOCATION: Hodge, Louisiana, USA
APPLICATION: Nash 9000 Vacuum Pumps
KEY EDGE: Shell Gadus S3 V220C 2

65%
REDUCTION IN BEARING FAILURES

Shell
GADUS

CHALLENGE

A Paper Mill operating Nash 9000 vacuum pumps with oil lubricated bearings in an environment where they experienced a high degree of water contamination and as a consequence premature bearing failures ultimately caused by lack of lubrication and corrosion.

SOLUTION

Shell's Lubricant Technical Advisor performed a thorough review of the system and recommended that the Paper Mill convert to Shell Gadus S3 V220C 2, a premium grease with strong water resistance and effective corrosion protection.

OUTCOME

With the transition to Shell Gadus S3 V220C 2 the Paper Mill has been able to reduce the vacuum pump bearings failures by 65%.



VALUE

Through a reduction in the amount of vacuum pump bearing failures the Paper Mill has benefited from reduced **unscheduled downtime, parts expense and maintenance costs**. The company **has reported a total annual savings of US\$114,400**.

The savings indicated are specific to the calculation date and mentioned site. These calculations may vary from site to site and from time to time, depending on, for example, the application, the operating conditions, the current products being used, the condition of the equipment and the maintenance practices.