



STEEL COMPANY EXTENDS LUBRICANT LIFE WITH SHELL GADUS S3 V460 1.5

TOTAL ESTIMATED ANNUAL CUSTOMER SAVING **US\$86,000**

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SHELL LUBRICANTS
TOGETHER ANYTHING IS POSSIBLE



LOCATION: USA

APPLICATION: Fuchs Superplex 1.5 cold rolling bearings

KEY EDGE: Shell Gadus S3 V460 1.5 and Shell LubeAdvisor

4x

INCREASE IN GREASING INTERVAL

Shell
GADUS

Shell
LubeAdvisor

CHALLENGE

A US steel company was operating a roll mill area featuring Fuchs Superplex 1.5 cold rolling bearings. The goal was **to increase machine reliability whilst reducing grease consumption and maintenance costs.**

SOLUTION

The Shell Lubricants team used Shell LubeAdvisor who offered a trial of Shell Gadus S3 V460 2 - a lithium complex grease with excellent mechanical stability. The existing grease was purged from the bearings and the automatic greasing system was adjusted for the new product.

OUTCOME

The switch to the new grease extended the re-greasing interval by a factor of 4, reducing consumption as well as wastage and disposal costs. Maintenance time was further reduced by re-filling the totes instead of refilling from a bulk tank inside the plant.



VALUE

The reduction in consumables and maintenance has delivered **estimated annual savings of US\$86,000.**

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.