



# STEEL COMPANY EXTENDS OIL LIFE WITH SHELL CORENA S4 R 46

TOTAL ESTIMATED ANNUAL CUSTOMER  
SAVING **US\$34,000**

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**SHELL LUBRICANTS**  
TOGETHER ANYTHING IS POSSIBLE

**COMPANY:** Jiangsu Yong Steel Group

**LOCATION:** China

**APPLICATION:** Sullair Corporation  
32S-600H hot rolling compressors

**KEY EDGE:** Shell Corena S4 R 46 and  
Shell LubeAnalyst

# 12.5%

**INCREASE IN OIL  
DRAIN INTERVAL**

**Shell  
Corena**

**Shell  
LubeAnalyst**

## CHALLENGE

Jiangsu Yong Steel was operating three oil-injected screw compressors at its plant. The company wanted **to identify a lubricant that would maximise protection and oil life to drive up equipment efficiency.**

## SOLUTION

**The Shell Lubricants team carried out a flushing process and refilled with Shell Corena S4 R 46.** Shell LubeAnalyst was used to monitor oil condition during a trial period, with technical training delivered to the on-site team.

## OUTCOME

**The switch to the new product backed by Shell technical training has allowed the plant to extend its oil drain interval (ODI) from 8,000 to 9,000 hours.** Ongoing monitoring is being used to optimise the ODI. This has reduced consumption and downtime.



## VALUE

The reduction in grease consumption and maintenance has delivered **estimated annual savings of US\$33,000.**

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.