

Mobil DTE 25 Saves Steel Industry Customer US\$72,269

Medium Plate Rolling Mill
Jiangxi Xinyu Iron&Steel Medium Plate Plant
Jiangxi, China
Mobil Customer Since 2000

Objective

To avoid frequent hydraulic oil change of AGC (Auto Gauge Control) system and to avoid sticking of the MOOG servo valves.

Situation

The customer is one of the major medium plate producers in China. The AGC system in finish rolling mill is used to control the form and thickness of the finished products. The hydraulic oil previously used was changed every two months and two MOOG servo valves seized leading to unscheduled production shutdown.

Solution

- Recommended Mobil premium hydraulic oil DTE 25 for use in the hydraulic system
- In addition, provided Contamination Control Program and Mobil EM/PA Used Oil Analysis Program

Result

- AGC system has been in good operating condition after the switchover to Mobil DTE 25 in May 2000
- The seizure of MOOG servo valve has been eliminated

Benefit

Mobil DTE 25 and engineering service helped the customer achieve the following benefits:

- Lower oil purchasing and labor cost
- Saved servo valve replacement cost
- Avoid production loss due to unscheduled downtime
- Achieved savings of US\$72,269



Hydraulic of AGC System

