

# Castrol® Robot Grease Matches Performance without the Long Delivery

## Situation

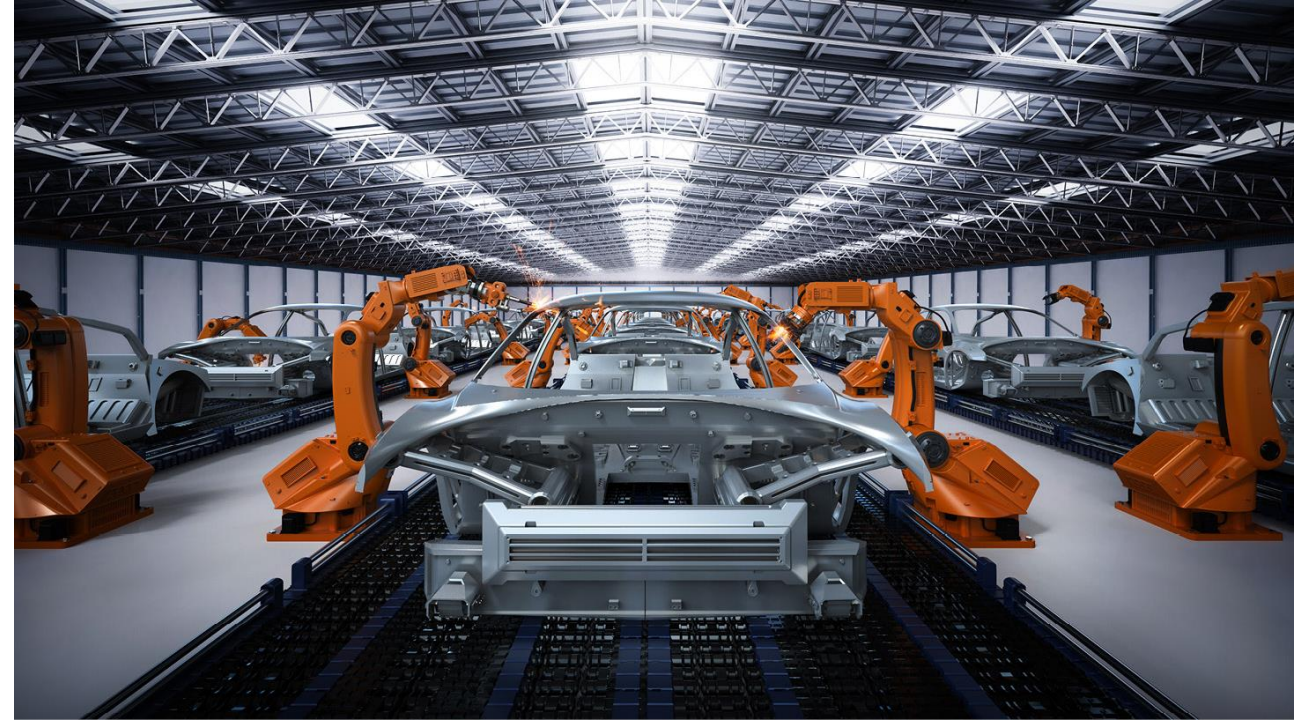
A major US automotive manufacturer was experiencing long delivery times from Japan for their grease - typically 6 weeks to 3 months. The long lead times would upset the maintenance schedule designed to service 300+ robots in the weld shop.

## Solution

Castrol® proposed to replace the existing grease with Tribol® GR 100-00 PD. To prove performance, Castrol conducted a side-by-side lab analysis with the existing grease. The analysis showed that Tribol GR 100-00 PD performed at least equivalent to the existing grease, and actually better in some key areas.

## Outcome

Tribol GR 100-00 PD proved superior to the existing Japan produced grease in fighting friction. According to SRV testing, the coefficient of friction was lower and the ball scar diameter was much smaller, both of which help increase performance.



## Savings

- Improved delivery from US warehouse
- Helped maintenance schedules to stay on-track
- Achieved 60% cost savings
- Improved grease performance