

Tribol® GR 100-0 PD Success in Fanuc Robots

Situation

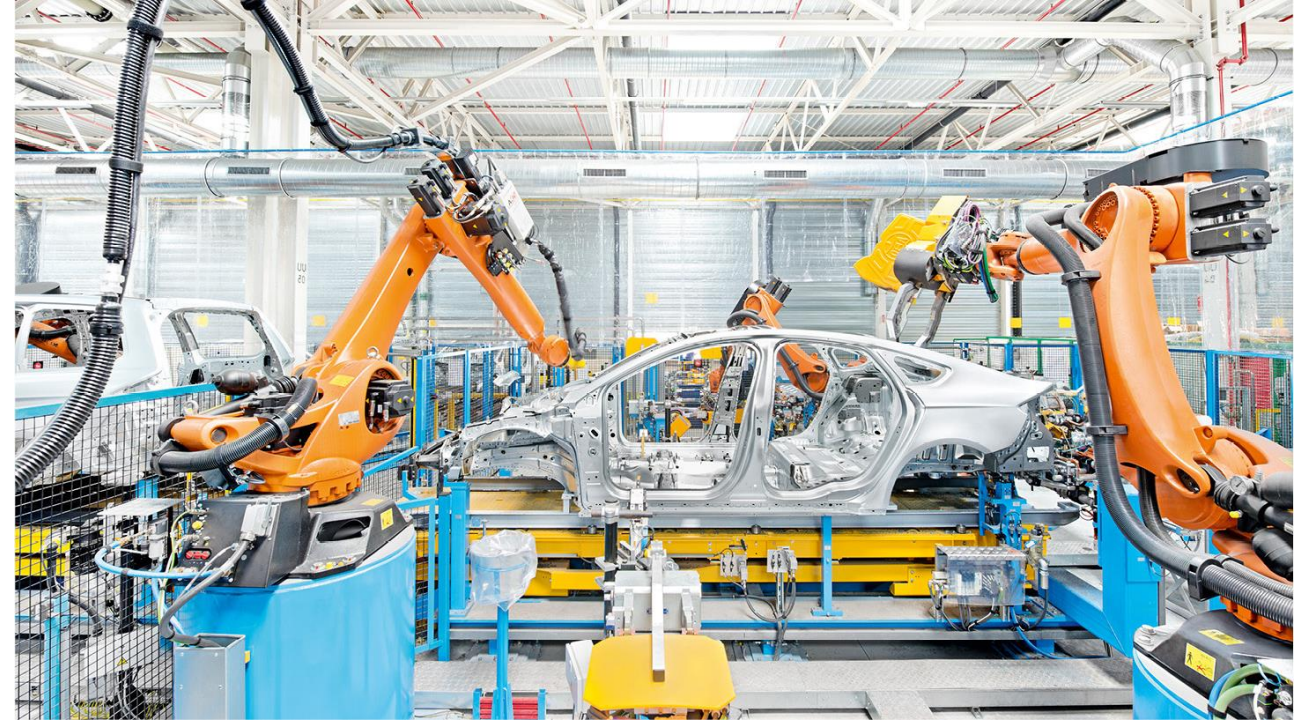
A large US automotive supplier of axles was using an expensive grease from Japan for their Fanuc robot gear lubrication. In addition to the high cost, the delivery time from overseas was extremely long and often disrupted their re-lubrication schedule. As a supplier of other fluids in the facility, Castrol® was asked for a suitable replacement.

Solution

Castrol Tribol® GR 100-0 PD was identified and presented to the customer based on its high performance and experience in similar assembly robot applications. Testing was conducted in different robots at the site with excellent performance demonstrated.

Outcome

The customer converted to Castrol Tribol GR 100-00 PD grease and continue to follow the recommended lubrication interval schedule by Fanuc. The plant's preventive maintenance activities are no longer interrupted by lack of grease due to long delivery times. Since the Castrol grease formula does not contain barium(unlike the original grease), meeting EPA requirements for waste disposal was simplified.



Savings

- Reduced cost and inventory of grease (savings of \$75,000 per year)
- Reduced lead times and helped the customer maintain their maintenance schedule
- Demonstrated performance consistent with robot OEM grease