

Drain Interval Extended 4 Times with Mobil 1 Synthetic ATF

Clutch/brake drives
Doosan Packing Materials Manufacturing
Korea
Mobil customer since 1997

Objective

To eliminate unwanted downtime and extend drain interval.

Doosan's clutch/brake drives are manufactured by Force Control Ind. Inc.(U.S.A) and operates at temperatures over 150°C. Its drives operate 24 hours daily with the clutch/brake disc immersed in an antiwear type hydraulic fluid.

Serious damage on clutch/brake amounted to about US\$ 8,000 and when the existing lubricant oil was used for over 1 month. The EB recommended a 3-month drain interval for mineral type ATF fluids.

Solution

The Mobil Engineers recommended synthetic transmission fluid, **Mobil 1 Synthetic ATF** to replace the existing hydraulic fluid. The product meets "Type F" specifications and outperforms all conventional multipurpose ATF fluids.

Result

The drain interval was extended 4 times with **Mobil 1 Synthetic ATF** as compared to other mineral type ATF fluid without damaging the clutch/brake.

Benefits

Taking into consideration the damage, production and labor cost, the total potential savings at time of documentation amounted to more than US\$ 3,000.



Picture for running brakes and clutch

