

CASTROL® TRANS-C™ HT

Triples Service Intervals in Hydraulic Systems & Transmissions



Customer Situation

- A number of different construction, landfill, and quarry operators with a variety of off-road equipment were open to extending their service intervals to reduce fixed maintenance costs and increase equipment uptime
- Applications at these customers included a mix of off-road equipment including excavators, dozers, loaders, etc. with different makes and models
- Competitive lubricants used prior to Castrol were not able to achieve extended-service intervals at the same level as Castrol's premium products



Castrol Solution

- Castrol recommended that the customers switch to Trans-C HT in all off-road hydraulic systems and applicable transmissions across their fleets
- A critical component, the Castrol Labcheck® fluid analysis program was used to analyze used oil samples to determine safe intervals for extending drain intervals
- It was recommended extending service intervals in off-road hydraulic systems from 2,000 hours to 6,000 hours and extending service intervals in off-road transmissions from 1,000 hours to 3,000 hours



Success Story

- For each of these customers, Trans-C HT maintained wear protection and oxidation stability beyond 6,000 hours for hydraulic systems and 3,000 hours for transmissions in off-road equipment
- Used oil analysis results for Trans-C HT showed little or no wear issues and little or no fluid degradation in these off-road hydraulic systems and transmissions... even at service intervals that safely tripled OEM recommendations



Delivering Value That Matters

Castrol's premium, differentiated products, services and technical expertise helped these off-road fleets to extend drain intervals and reduce costs while providing optimal equipment protection.

Go-Forward Maintenance Recommendations

- Fill and service hydraulic systems and applicable transmissions in off-road equipment with Trans-C HT
- Utilize the Labcheck used oil sampling program to closely monitor analysis results
- Based on oil analysis results, safely extend service intervals in hydraulic systems and applicable transmissions with Trans-C HT



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