

State of California
Office of Emergency Services
Fire and Rescue Branch

MAINTENANCE BULLETIN #25

Subject: Allison Automatic Transmission, Maintenance Schedule, Engines #'s 248 - 313

General Motors and Allison Transmission, in conjunction with Castrol, have developed a synthetic automatic transmission fluid called TranSynd. It can be used in all Allison automatic transmissions and is compatible with Dexron III/C4 fluids. If you do not presently have TranSynd in your transmission, have it put in at your next yearly service. 20% of Dexron III will remain in the transmission. Have it changed out again at your next yearly service and you should be at 100% TranSynd.

Once your transmission is at 100% TranSynd, you do not have to change it out again for 36 months, or 3000 hours, whichever occurs first. You do have to change the filter every time you service the transmission.

OES Engines #253-265 were delivered with Dexron III. OES Engines #266-334 were delivered with Dexron III, but assignees were directed to change out to TranSynd. OES Water Tenders were delivered with Dexron III. OES Engines #293-313 were delivered with TranSynd.

TranSynd lowers transmission operating temperatures. Since we have Allison automatic transmissions in over half of our fleet, this will result in significant savings in our maintenance budget.