SECTION 6 DRIVE LINE INSPECTION

CE30 RETARDER

It is recommended that the propshafts are dropped to permit inspection of the main rotor central bolt and the rotor/flange bolts and nuts at service intervals of 25,000 kms.

If, during normal service inspections, the Axial or Radial play, or air gaps are out of tolerance, disconnect the propshafts from the retarder and check the following:-

Condition of Retarder for physical damage

Central Rotor Bolt torque and condition of tab washer

No Rotor/Flange fixing bolt hole elongation has occured

Rotor/Flange bolts and nuts torque

Condition of bearings and splines

Condition of air-gap shims

CC50 - CC80 RETARDERS

Should there be abnormal Axial/Radial play or air gap out of tolerance, disconnect the propshafts from retarder and check the following:-

Condition of Retarder for physical damage

End shaft nut torque

No Rotor/Flange fixing bolt hole elongation has occured

Rotor/Flange bolts torque

Condition of bearings and splines

Condition of air-gap shims