

ROUTINE MAINTENANCE

SEALED RETARDERS - AD AND AC SERIES RETARDERS

Sealed retarders were introduced in 2002 on AC series retarders with reference numbers commencing with C.23... , C.36... , and C.37... . All AD series retarders are sealed units

Sealed retarders are manufactured with a pre-measured injection of grease in the factory and do NOT require re-lubrication.

Sealed retarders can be identified by the label and the greasing point on the retarder which is sealed with a thermoformed sleeve.

A simple visual check should be carried out at regular service intervals, or at least once per year to ensure that there is no leakage.

In the event of an apparent grease leakage from a sealed retarder, do not break the seal as this will void the warranty. Contact Telma Technical Services for assistance.

RETARDER GREASING - AE, CE, CC AND M SERIES RETARDERS

It is most important to check that the retarder being serviced is not a sealed retarder. If an attempt is made to grease a sealed unit, the warranty may become void (see above).

On non-sealed retarders, a visual check should be made for any possible grease leakage during standard service inspections.

It is of paramount importance that SUPERTELMACO 3 GREASE only is used in Telma Retarders.

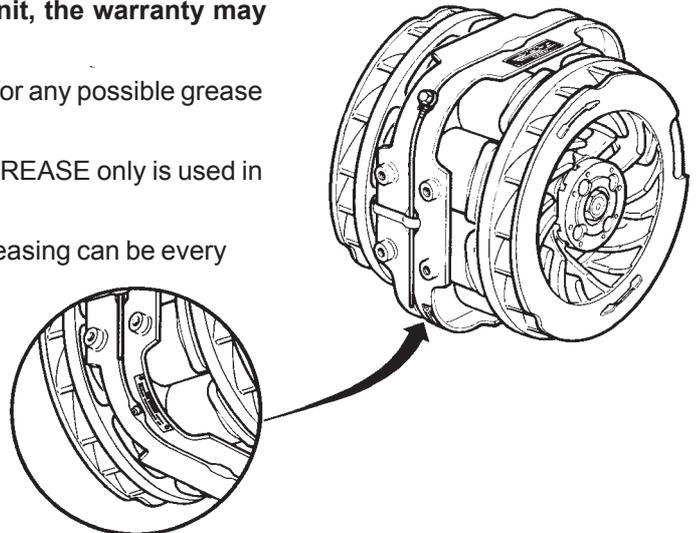
When this grease is used exclusively, the frequency of greasing can be every 60,000 km, regardless of driving conditions.

SUPERTELMACO 3 has been specially formulated for severe operating conditions and particularly for HIGH TEMPERATURE.

Compared to standard lithium grease, SUPERTELMACO 3 has a higher drop point, in excess of 250 °C, excellent oxidation stability and a low softening point at high temperatures.

Whilst several different greases may be suitable if used exclusively, their mixing in the retarder hub may lead to spontaneous decomposition with the resultant loss of lubricant effect. This may result in the failure of the bearings and consequential damage to other components in the Retarder.

Telma warranty is only applicable if SUPERTELMACO 3 is used exclusively.



RETARDER WASHING

If the retarder system has been used extensively prior to washing, allow the unit to cool down to avoid any possibility of distortion of the rotors.

Clean the retarder using a pressure washer.

Note : Ensure that the pressure and temperature settings of the washer are sufficient to clean the unit without damage to coils and insulation. Avoid the use of cleaning chemicals, solvents, etc., which may attack the retarder insulation.