Ticking noise under load

In some individual cases on the PV 444 with sudden loading – for example when accelerating – a ticking noise may arise in the propeller shaft and at the same time the gear lever may make a slight movement backwards obliquely to the left. The reason for this is that the propeller shaft splines move too stiffly. Remedy: remove the rear propeller shaft, dismantle the splined joint and clean carefully. Lubricate with thick oil impregnated with graphite. Check the cork packing and assemble the sleeve and splines so that any markings can be observed. Assemble the propeller shaft and make sure that the flanges are in their right position, checking all the universal joints and flanges for possible play.