

## HANGER BEARINGS OK?

The drive shaft hanger bearings are permanently greased—no sweat. But they do wear out.

If you get too much bearing axial play a drive shaft may be out of balance.

Eye the shaft to see that the right number of balance weights are present and accounted for.

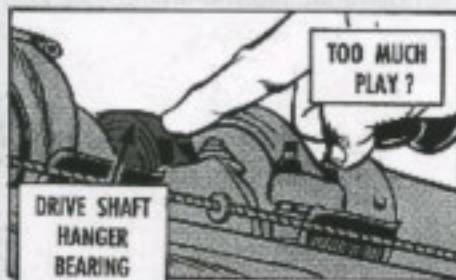
If the drive shaft has more than a single empty bonding imprint next to the last balance weight, eye the last weight for this vibro-etched info:

BALANCED (date) ARADMAC

Drive shafts balanced by ARADMAC are serviceable. Other shafts which have more than one weight missing have to be removed due to missing weights.

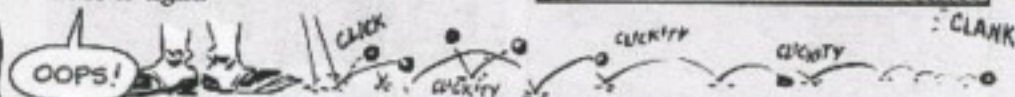
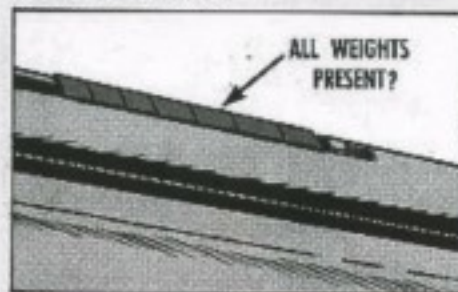
Have a look-see at the 42 and 90-degree gearbox mounts to make sure that mounting holes are not elongated. That condition could mean a gearbox is loose and is transmitting vibrations along the shaft.

Make sure all hanger bearing hardware is tight.



Focus on the single-row ball bearing by disconnecting the drive shafts from each side of the hanger.

Slowly rotate the coupling. If the rolling elements come to a definite stop, then jump, and you notice an increase in roughness, the bearing has had it. Put in a new one.



If a suspect bearing is removed from the hanger you can make the rolling check by holding the inner race and slowly rotating the outer race.

You'll get some bearing roughness after a couple of hundred hours of operation on bearings. This roughness is caused by the lubricant. The bearing should be OK.

Yessir-e-e-e, keep up with the latest and do your PM. It's a combination that will keep your baby on the "available" list.