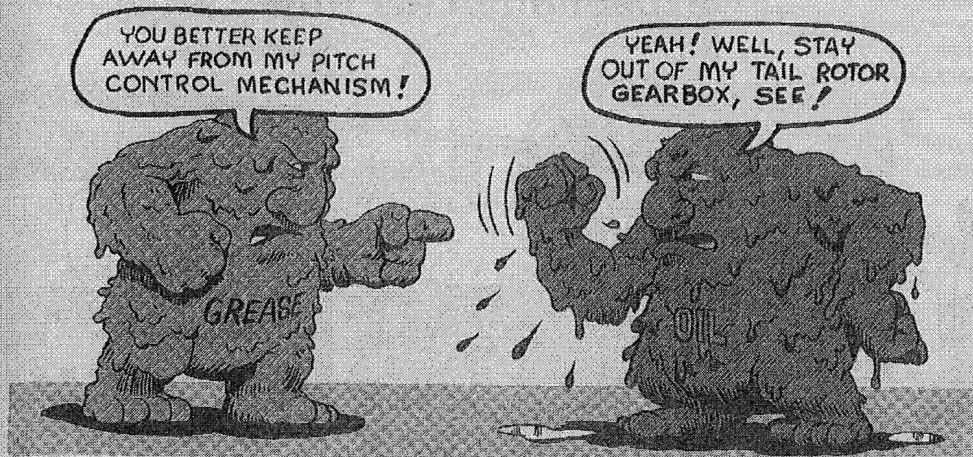


## Grease and Oil Don't Mix



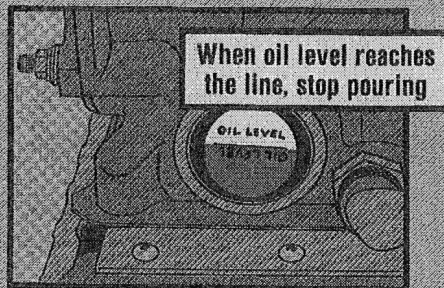
Dear Windy,

Here're a couple of points about lubing tail rotor components that you might want to pass along to Kiowa mechs. Some of them are overfilling the tail rotor gearbox with tube oil and over-greasing the bearing inside the pitch control mechanism. What happens in either case is all bad.

When they overfill the gearbox, oil spills out onto the pitch change tube and soaks the trunnion bearing. It also runs into the pitch control housing and oil soaks those bearings.

You have to take the pitch change mechanism apart, clean it real good and grease it again with aircraft grease, NSN 9150-00-944-8953.

Some mechs use too much grease on the bearing, Item 19 in Fig 5-48 of TM 55-1520-228-23-1. It gets into the boot, Item 18, and the boot pumps the excess grease right into the gearbox and contaminates it. Then they have to flush the gearbox to get the grease out.



SFC Jess W. France  
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You've said it all. Thanks for the tip.

*Windy*