

AMG LIKES LIGHT OIL

Dear Editor,

Both in Germany and in the desert we had trouble with leaking mast seals on the Patriot's antenna mast group (AMG). Once the seals started leaking, we had trouble building up enough air pressure to raise and lower the masts. We sometimes had to increase the pressure well above 35 psi to raise the mast.

We found the problem was the 30W oil used to lubricate the masts. In the desert, it collected sand that ground up the seals. In the cold, the oil sometimes got so stiff it couldn't lube. Then the seals dried out and started to leak.

By switching to a lighter lube like WD-40 or refrigerant oil, NSN 9150-00-664-4449, we had far fewer mast problems. These lubes didn't collect as much sand and were less likely to freeze in the cold.

SGT Lawrence Arrindell
507th Maint Co
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I JUST
CAN'T SEEM
TO RAISE IT!

I THINK
YOUR SEALS
ARE GIVING
OUT!

GNNRRRRRRR



From the desk of the Editor

Your seal suggestion gets our seal of approval. No matter how much trouble Patriot crews have raising the AMG masts, they should never raise the air pressure more than 35 psi. If they do, the masts can actually shoot off. Tell your repairman. The mast probably has leaking seals.

Don't raise
pressure
over 35 psi

