



AIR
MOBILITY

SAVE THE COOLERS!

UNLESS YOU CAN
SEE AND FEEL
METAL PARTICLES,
DON'T CHANGE
THE OIL
COOLER!

YOU TELL
'EM, CONNIE!

A lot of engine oil coolers are being changed when they shouldn't be, running up the tab and causing extra sweat and elbow grease.

The coolers are changed along with the engines when there's a report from the oil analysis lab of high metal wear readings in an oil sample.

Resist the temptation, lads! There's a big difference between metal particles you can see and feel and metal molecules that only the lab can detect.

Metal particles in the Kiowa oil cooler, for example, are listed in para 5-25 of TM 55-1520-228-34 (Nov 72) as being the reason for scrapping an oil cooler. No sweat!

But a high metal wear reading from the lab means the oil is contaminated with metal molecules in parts-per-million—not metal chips.

So, unless you find chips in an oil system, do not change the oil cooler. Just drain the oil system and fill 'er up again.