

AOAP PAVES PATH TO TOP-NOTCH MAINTENANCE



If you work on the maintenance side, odds are you know all about the Army Oil Analysis Program (AOAP). But if you're a new Soldier, you may be wondering why it's so important.

Simply put, AOAP is a Soldier's BFF in the maintenance world. It helps keep equipment going strong by:

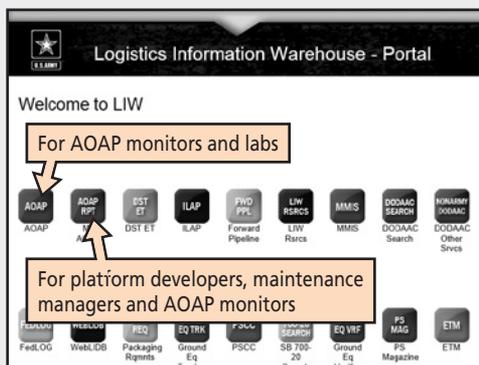
- detecting potential component failure at an early stage.
- improving equipment safety.
- reducing maintenance costs and time through preventive actions.

AOAP enrollment is mandatory for all Army aircraft, combat vehicles, watercraft and locomotives unless the Deputy Chief of Staff, G-4, approves an exception. Select non-aeronautical equipment may be enrolled in the AOAP on a case-by-case basis. For an AOAP overview, see TB 43-0211, *AOAP Army Oil Analysis Program Guide For Leaders And Users (Apr 10)*. You can get the pub at the Logistics Support Activity's (LOGSA) website: <https://www.logsa.army.mil/etms>

On the query screen, type "TB 43-0211" in the Pub Number box and click Search, then select the pub link that appears and the TB will open in PDF format. The pub walks you through how to take samples, correctly complete forms and it answers many FAQs.

You can also access AOAP info through LOGSA's Logistics Information Warehouse (LIW):

<https://liw.logsa.army.mil>



Small Commitment, Big Payoff

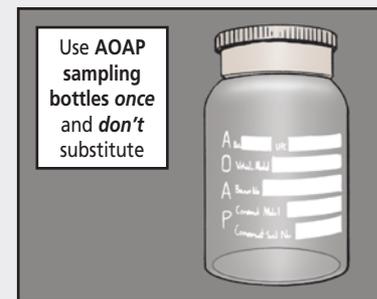
It's quick work to draw an AOAP sample. Yet that brief investment of time and effort can help save equipment, hours of maintenance downtime, and potentially lives. AOAP also gives commanders vital information about the condition of their unit's equipment and quality of maintenance services.

Must-Dos for AOAP Monitors

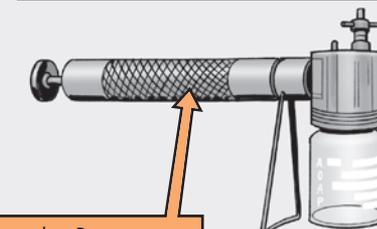
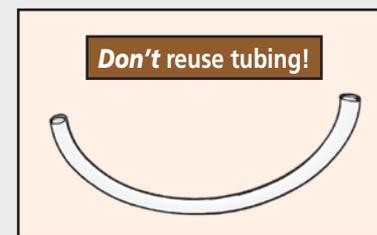
If you're tasked to be your unit's AOAP monitor, always ensure that you:

- know when and what equipment is to be sampled and stay on schedule.
- follow safety procedures.
- draw reliable, uncontaminated samples.
- fill out forms completely, clearly and correctly.
- mail or deliver samples and paperwork immediately.
- follow lab recommendations for re-sampling and maintenance.
- give lab feedback when requested.
- keep accurate records.
- keep a 90-day supply of the following on hand:

Aeronautical AOAP Sampling Supplies	
Item (Qty)	NSN
Nonmetallic tubing, 15 x 3/8 inches (100)	4710-00-933-4415
Nonmetallic tubing, 30 x 3/8 inches (100)	4710-01-087-1629
Bottles with screw cap (144)	8125-00-933-4414
Shipping sack, 6 x 10 inches (250)	8105-00-290-0340
Pressure-sensitive labels, 3 1/2 x 15/16 inches (5000)	7530-00-082-2661
Plastic bag (1000)	8105-00-837-7754



Non-Aeronautical AOAP Sampling Supplies	
Item (Qty)	NSN
Oil sample bottle with cap (120)	8125-01-082-9697
Sampling pump, 43mm	4930-01-119-4030
Nonmetallic tubing, 1/4-in diameter (1000)	4720-00-964-1433
Shipping sack, 6 x 10 inches (250)	8105-00-290-0340
Oil sample bottle mailer kit (24)	8125-01-193-3440



Use oil sampling pump if equipment has no sampling valve. Pumps are reusable if properly handled, maintained and kept free of contamination

