USAMC Logistics Support Activity

ARMY OIL ANALYSIS PROGRAM
AOAP

Access through
LIW Portal
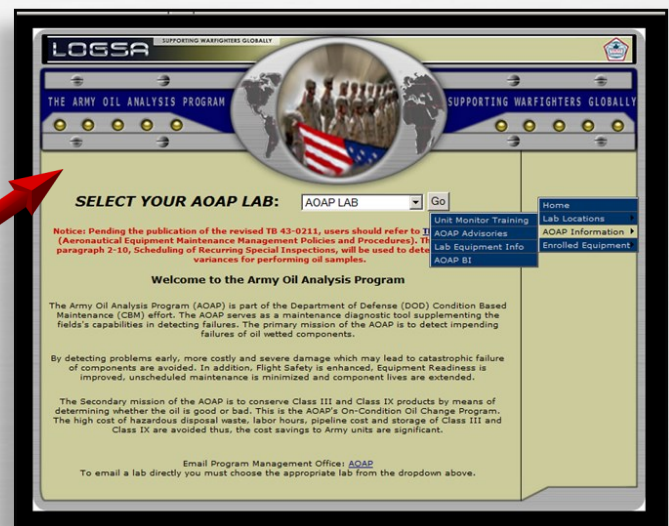
MISSION

- Part of a Department of Defense-wide effort to detect impending equipment component failures, improve operational readiness, promote safety, conserve lubricating oils and hydraulic fluids, and monitor lubricant condition through laboratory evaluation of oil samples.

- Another important purpose of the AOAP is to conserve petroleum resources through application of the on condition oil change (OCOC) policy. Under the OCOC policy, maintenance activities only change oil when directed by an AOAP laboratory.

AOAP Improves Equipment Readiness and Reduces Cost!

Army Oil Analysis Program

LAB LOCATIONS

CONUS Regional Labs:
- Fort Bliss, TX
- Fort Bragg, NC
- Fort Campbell, KY
- Fort Carson, CO
- Fort Rucker, AL
- Fort Hood, TX
- Fort Lewis, WA
- Redstone Arsenal, AL

OCONUS Regional Labs:
- Kaiserslautern, Germany
- Camp Humphries, Korea
- Camp Arifjan, Kuwait

Depot Quality Assurance Labs:
- Anniston Army Depot, AL
- Corpus Christi Army Depot, TX
- Red River Army Depot, TX

Joint Lab Supporting Army
- Pearl Harbor, HI

Each laboratory is equipped with a PC-based computer system as part of the Oil Analysis Standard Interservice System (OASIS). OASIS contains an on-site database of laboratory information, which reduces sample processing times.

The data from each laboratory is forwarded to the AOAP OASIS Data Base at LOGSA for storage and retrieval. The data is used for:
- Life-Cycle Management
- Failure Trends
- Oil Consumption
- Usage
- Consumables
- Equipment Ownership

ROLES IN AOAP

HQDA G-4 – Proponent; approves Army input to the Joint Oil Analysis Program (JOAP)

HQAMC – Office of Primary Responsibility

LOGSA – DA PM for the AOAP

Program Manager, AOAP – Planning, coordinating, developing, and administering a centralized oil analysis program

MACOMs – Ensure all units, installations, and activities under their command participate in the program

MSCs – Recommend systems for inclusion in AOAP; recommend sampling intervals; and configure systems to use sampling valves, when feasible

AOAP Hotline:

DSN 645-0236 or (256) 955-0236
Logistics Information Warehouse (LIW)
https://liw.logsa.army.mil

For Additional AOAP Information:

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