



# AEROSPACE INFORMATION REPORT

**AIR1918**

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## Comparison of Hydraulic System Cleanliness Procedures and Requirements for Ten Aerospace Companies

### RATIONALE

This document has been determined to contain basic and stable technology which is not dynamic in nature.

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In May 1979 Martin Marietta Aerospace, Denver Division, completed a survey of missile hydraulic system cleanliness and contamination control procedures and practices at several aerospace companies. The intent of this survey was to gather and assemble the data from companies that manufacture missiles with hydraulic systems, similar to the Titan III System, from a contamination control standpoint. The survey concentrated on 15 subject areas of interest.

Participating companies have agreed that this information may be distributed through SAE Committee A-6, Aerospace Fluid Power and Control Technologies, as an Aerospace Information Report, AIR 1918.

The accumulated data is presented on the attached summary table. No comparisons or conclusions are made--this is left to the reader. A current contact in hydraulic systems contamination control is listed for each company and any questions or further discussion should be directed to the person listed.

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