
FUEL AND SERVICE FLUIDS - MAINTENANCE PRACTICES

EFFECTIVITY: ALL

1. General

- A. This subchapter gives a list of the products approved to be used on, and for the servicing of, the aircraft, with their most usual suppliers.
- B. The correct procedure to use the products, and for filling, charging, or other applications is given in the chapters referred to below.
- C. Fuels with the same specification MIL-, FED. SPEC., but of different makes, can be mixed.
- D. Products listed on the QPL (Qualified Products List) for MIL specifications, referred to in this subchapter, are automatically approved to be used on the aircraft.
- E. Possible alternative products are listed opposite to the same group of chapters where the indicated product(s) is(are) referenced to.
- F. All Phosphate Ester-Base Hydraulic Fluid Type IV are miscible and compatible and may be used with each other in any and all proportions.
- G. The supplier/manufacturer addresses are listed in the section [AMM MPP 20-30-00/200](#).

FUEL AND SERVICE FLUIDS - MAINTENANCE PRACTICES

EFFECTIVITY: ALL

2. List of the Products Approved to be Used on the aircraft

A. The table below gives the Engine Fuel and Servicing Fluids approved to be used on the aircraft.

Table 201 - ENGINE FUEL

| SPECIFICATION | COMMERCIAL PRODUCT | SUPPLIER/MANUFACTURER | TO USE, REFER TO MAINTENANCE MANUAL INDICATION |
|---------------|--------------------|-----------------------|--|
| CNP-08 | QAV1 | Local Supplier | 12-11-01 12-11-02 |
| ASTM D1655 | JET A JET A-1 | Local Supplier | 12-11-01 12-11-02 |
| MIL-T83133A | JP8 | Local Supplier | 12-11-01 12-11-02 |
| GB 6537-94 | No. 3 Jet Fuel | Local Supplier | 12-11-01 12-11-02 |
| GOST 10227-86 | TS-1 | Local Supplier | 12-11-01 12-11-02 |
| MIL-T-5624L | JP5 | Local Supplier | 12-11-01 12-11-02 |

[1] The list contains optional fuels that cannot be applicable to a specific aircraft serial number. Refer to the latest revision of the AFM for the list of approved ones.

Table 202 - SERVICING FLUIDS

| SPECIFICATION | COMMERCIAL PRODUCT | SUPPLIER/MANUFACTURER | TO USE, REFER TO MAINTENANCE MANUAL INDICATION |
|---|--|-----------------------|--|
| MIL-PRF-5606 or MIL-H-5606 | Hydraulic Fluid (Aeroshell Fluid 4 or 41) | Shell | 27-51-00 |
| MIL-PRF-5606 or MIL-H-5606 | Hydraulic Fluid As per MIL-PRF-5606 requirements | Local Supplier | 32-10-02 32-20-01 32-20-08 |
| FED. SPEC. BB-N-411 superseded by A-A-59503 Type I, Class I, Grade B | Nitrogen | Local Supplier | 12-13-06 21-31-13 32-10-02 32-20-01 32-44-02 32-49-01 32-49-04 34-13-00 35-10-00 35-10-04 35-11-02 |
| MIL-O-27210 | Oxygen | Local Supplier | 12-14-00 |

[1] EMBRAER-CMM task.

Table 202 - SERVICING FLUIDS (Continued)

| SPECIFICATION | COMMERCIAL PRODUCT | SUPPLIER/MANUFACTURER | TO USE, REFER TO MAINTENANCE MANUAL INDICATION |
|-------------------------|---|-------------------------------|--|
| SAE AS 1241, Type IV | Phosphate Ester-Base Hydraulic Fluid (Skydrol 500B-4) | Solutia | 12-13-01 20-10-06 |
| | Phosphate Ester-Base Hydraulic Fluid (Skydrol LD-4) | Solutia | 12-13-01 20-10-06 |
| | Phosphate Ester-Base Hydraulic Fluid (HyJet IV-A plus) | Exxon | 12-13-01 20-10-06 |
| HFC R134A | Service Fluids | WILLIAMS REFRIGERATION LTD | 21-52-00FT501-1 |

[1] EMBRAER-CMM task.

