

AEROHYDRAULIC 520



Aviation



TOTAL

Mineral hydraulic oil.

APPLICATIONS

- All hydraulic systems operating under the conditions of use of high pressure with low and extremely low temperatures.

SPECIFICATIONS

- US: meets the requirements of MIL-PRF-5606H
- UK : meets the requirements of DEF STAN 91-48/1, standard grade
- FRANCE : AIR 3520/B (H-520)
- Joint Service Designation : OM-18
- NATO Code: **H-520**

ADVANTAGES

- Very high viscosity index.
- Excellent shear strength.
- Extremely good thermal stability combined with excellent resistance to oxidation.
- Very good anti-wear properties.
- Anti-corrosion, anti-rust.
- Antifoaming.
- Very good air release.
- Very low pour point.
- Very good compatibility with seals.

TYPICAL CHARACTERISTICS	METHODS	UNITS	AEROHYDRAULIC 520
Density at 15 °C	ISO 3675	kg/m ³	868
Color	ISO 2049	-	red
Kinematic viscosity at 100 °C	ISO 3104	mm ² /s	5.2
Kinematic viscosity at 40 °C	ISO 3104	mm ² /s	14
Kinematic viscosity at - 40 °C	ISO 3104	mm ² /s	487
Kinematic viscosity at - 53.9°C	ISO 3104	mm ² /s	2400
Viscosity index	ISO 2909	-	374
Flash point Closed Cup	ISO 2719	°C	100
Pour point	ISO 3016	°C	- 66

Above characteristics are mean values given as an information.

**TOTAL LUBRIFIANTS
INDUSTRIE**

25-06-2018 (supersedes 27-05-2015)

AEROHYDRAULIC 520

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This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.

A material safety data sheet conforming to the regulations in use in the E.C. is obtainable via your commercial adviser www.quick-fds.com.