

# AEROHYDRAULIC 520



*Aviation*



## 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
Specific gravity at 15 °C	ISO 3675	kg/m <sup>3</sup>	868
Colour	ISO 2049	-	red
Kinematic Viscosity at 100 °C	ISO 3104	mm <sup>2</sup> /s	5.2
Kinematic Viscosity at 40 °C	ISO 3104	mm <sup>2</sup> /s	14
Kinematic Viscosity at - 40 °C	ISO 3104	mm <sup>2</sup> /s	487
Kinematic Viscosity at - 53.9°C	ISO 3104	mm <sup>2</sup> /s	2400
Viscosity index	ISO 2909	-	374
Flash Point Pensky-Martens Closed Cup	ISO 2719	°C	100
Pour point	ISO 3016	°C	- 66

Above characteristics are mean values given as an information.

## TOTAL LUBRIFIANTS INDUSTRIE

27-05-2015 (supersedes 18-05-2007)

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](http://www.quick-fds.com).