

# 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: meet the requirements of MIL-H-5606 A
- UK : meet 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
Viscosity at - 53.9°C	ISO 3104	mm <sup>2</sup> /s	2400
Viscosity at - 40 °C	ISO 3104	mm <sup>2</sup> /s	487
Viscosity at 40 °C	ISO 3104	mm <sup>2</sup> /s	14
Viscosity at 100 °C	ISO 3104	mm <sup>2</sup> /s	5.2
Viscosity index	ISO 2909	-	374
Pensky flash point	ISO 2719	°C	100
Pour point	ISO 3016	°C	- 68

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS  
Industrie & Spécialités  
18-05-2007 (supersedes 13-03-2007)  
AEROHYDRAULIC 520  
1/1



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).