



AEROHYDRAULIC 520

Mineral hydraulic oil

APPLICATIONS & ADVANTAGES

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

- 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

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

TYPICAL CHARACTERISTICS

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



For additional information, contact your local Totalenergies Lubricants representative or visit our web site: <https://lubricants.totalenergies.com>

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. can be obtained from your local commercial adviser or downloaded from <https://sdstotalms.total.com>