# 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$^3$ | 868 |
| Colour | ISO 2049 | - | red |
| Viscosity at - 53.9°C | ISO 3104 | mm$^2$/s | 2400 |
| Viscosity at - 40 °C | ISO 3104 | mm$^2$/s | 487 |
| Viscosity at 40 °C | ISO 3104 | mm$^2$/s | 14 |
| Viscosity at 100 °C | ISO 3104 | mm$^2$/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.