

HYDRAUNYCOIL FH 42



Aviation



Low temperature synthetic hydraulic fluid.

APPLICATIONS

- **HYDRAUNYCOIL FH 42** is a synthetic hydraulic fluid designed to operate in the temperature range - 54°C to + 200°C for a long period of time without significant evaporation or change in viscosity.
- It can be used in hydraulic systems previously operated with H-537 (MIL-PRF-83282) or H-515 (MIL-PRF5606) fluids without change of the elastomeric seals. It is also used in automatic pilots, brakes and as shock absorber.

SPECIFICATIONS

- H-538
- MIL-PRF-87257 B

ADVANTAGES

- **HYDRAUNYCOIL FH 42** represents the best compromise between the low temperature (down to - 54°C) fluidity requirements, the fire-resistance for safe handling and operation, and the lubricating capability to prevent component wear and seizure over a large temperature range.

TYPICAL CHARACTERISTICS	METHODS	UNITS	HYDRAUNYCOIL FH 42
Specific gravity at 15.6 °C	ASTM D 4052		0.835
Kinematic viscosity at:	ASTM D 445	mm ² /s	
100 °C			2.09
40 °C			6.76
- 40 °C			474
- 54 °C	ASTM D 2532		2244
1h30			2260
3h00			2271
72h00			178
Flash point	ASTM D 92	°C	196
Fire point	ASTM D 92	°C	- 69
Pour point	ASTM D 97	°C	

Above characteristics are mean values given as an information.