TECHNICAL DATA SHEET

HYDRAUNYCOIL FH 13

PETROLEUM HYDRAULIC FLUID

NATO CODE H-573 – STM 7220B (TH 2) – MIL-PRF-17672 (MS 2110 TH)

DESCRIPTION

Hydraunycoil FH 13 is a petroleum-based hydraulic fluid with a viscosity of 46 cSt at 40°C with anti-wear, anti-corrosion and anti-oxidant additives.

APPLICATION

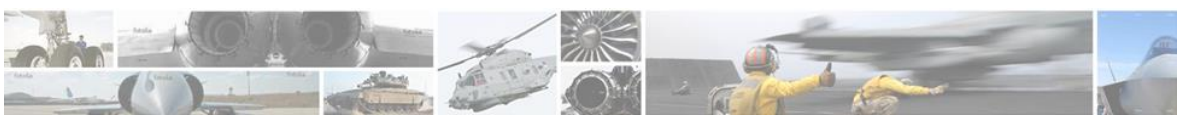
Hydraunycoil FH 13 is intended primarily for use on board Navy vessels in hydraulic systems that do not require a wide operating temperature range nor fire-resistant properties.

It is also used for propeller pitch hydraulic controls, rotary air compressors, and some gearboxes.

Characteristic	Unit	Typical Result	MIL-PRF-17672 Gr2110 TH Limit	Test method
- Appearance	-	clear and limpid	clear and limpid	visual examination
- Density at 15°C	-	0.862	-	ASTM D 4052
- Kinematic viscosity at 100°C at 40°C at -20°C	mm²/s	6.94 45.2 pass	report 41.4 to 50.6 max. 3500	ASTM D 445
- Flash point, COC	°C	240	min. 163	ASTM D 92
- Pour point	°C	- 33	max. - 23	ASTM D 97
- Total acid number	mg KOH/g	0.1	max. 0.2	ASTM D 974
- Viscosity Index	-	112	mini. 94	ASTM D 2270
- Copper corrosion, 24 h at 100°C	rating	1b	max. 1	ASTM D 130
- Foaming test (tendency 5min aeration / stability 1 min settling) at 24°C at 94°C at 24°C after 94°C	ml/ml	15/0 5/0 5/0	max. 65 / 0 max. 65 / 0 max. 65 / 0	ASTM D 892
- Water content	mg/kg	30	max. 100	ASTM D 1744

TFH13-6E1a

The values above are typical values. They do not constitute any contractual commitment.
Sales specifications are available on request. The present technical data sheet replaces all the previous editions.



NYCO - 66 avenue des Champs Elysées BP 414 - 75366 PARIS CEDEX 8 France | Tél. : +33 145 615 000 | Fax : +33 145 615 013 | E.mail : info@nyco.fr | www.nyco.fr