



## 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.



### APPLICATIONS

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	mm <sup>2</sup> /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

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.