NYCO AERONAUTICS & DEFENCE

TECHNICAL DATA SHEET

HYDRAUNYCOIL FH 5 AW

PETROLEUM-BASED SHOCK STRUT FLUID

BMS 3-32 C Type II

AIRBUS CML 02CCC1 – BOEING CML D00467

DESCRIPTION

©2014 BOEING

Hydraunycoil FH 5 AW is a petroleum-based fluid with a viscosity of 14 cSt at 40°C. It contains a specific additive package to improve the fluid lubricity and extreme-pressure properties.

As it retains fluidity down to - 54°C, it is an efficient shock absorber during landing, even after prolonged high altitude cruise.

MAIN APPLICATIONS

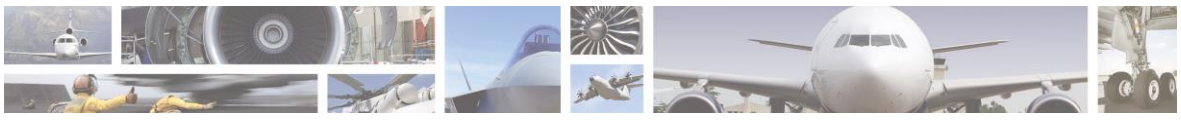
- Shock strut fluid for landing gear absorber
- Helicopter systems
- Hydraulic fluid
- Landing gear fluid
- Leak testing
- Test bench
- Hydraulic actuators
- Missile hydraulic systems

Intended for use notably on Airbus & Boeing landing gear.

Nota : Hydraunycoil FH 5 AW is not a preservative fluid and shall not be used on landing gears under storage. Use **Hydraunycoil FH 6 AW** instead.

Characteristic	Unit	Typical Result	BMS 3-32 C Type II Limit	Test method
- Appearance	-	limpid yellow oil	yellow oil	visual examination
- Density at 20°C	kg/dm^3	0.870	report	ASTM D 4052
- Kinematic viscosity at At 100°C At 40°C At - 54°C	mm²/s	 5.3 14.1 2600	 - min; 13.2 -	ASTM D 445
- Flash point	°C	95	-	ASTM D 93
- Pour point	°C	< - 60	-	ASTM D 97
- Acid number	mg KOH/g	2.5	1.5 - 5.0	ASTM D 974
- Zinc content	mg/kg	1600	1400-2000	Induction Coupled Plasma Spectroscopy

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.



TFH5AW-2^{F}6a

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; aero@nyco.fr | **www.nyco.fr**