NYCO
AERONAUTICS & DEFENCE

HYDRAUNYCOIL FH 5 AW

TECHNICAL DATA SHEET

PETROLEUM-BASED SHOCK STRUT FLUID

DESCRIPTION

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.

APPLICATIONS

- Landing gear shock struts of commercial aircrafts
  Intended for use notably on Airbus & Boeing landing gears.

SPECIFICATIONS * / OEM's & Airframers reference

- Approved Boeing BMS 3-32 D Type II
- Meets SAE AIR 5358
- Listed in Airbus CML 02BBB9
- Listed in Airbus CML 02CCC1
- Listed in Boeing CML D00467

* **Approved:** The product has been approved by the relevant authority. The product is referenced on the applicable qualified product list.
Meets: The product complies with all the requirements of the specification and has not been formally approved or approval is in progress or the specification is obsolete.

CHARACTERISTIC	UNIT	TYPICAL RESULT	BMS 3-32 D TYPE II LIMIT	TEST METHOD
Appearance	-	limpid yellow oil	yellow oil	visual examination
Density at 20°C	kg/dm³	0.870	report	ASTM D4052
Kinematic Viscosity at **100°C** **40°C** **- 54°C**	mm²/s	5.3 14.1 2600	- min. 13.2 -	ASTM D445
Flash Point	°C	95	-	ASTM D93
Pour Point	°C	< - 60	-	ASTM D97
Acid Number	mg KOH/g	2.5	1.5 - 5.0	ASTM D974
Zinc Content	mg/kg	1600	1400 - 2000	ASTM D5185 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

NYCO Solutions ahead
NYCO, 66 avenue des Champs-Élysées BP 414 - 75366 Paris CEDEX 08 - France
Tel : +33 1 45 61 50 00 - Fax : +33 1 45 61 50 13 - info@nyco-group.com – www.nyco-group.com