



## PETROLEUM-BASED SHOCK STRUT FLUID

### DESCRIPTION

Hydraunycoil FH 6 AW is a rust-inhibited 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.

### APPLICATIONS

- Landing gear shock struts of commercial aircrafts
- Used for Airbus aircraft landing gears for both in-flight operation and storage

Hydraunycoil FH 6 AW offers significantly improved corrosion protection, making it particularly suited for in-service use **as well as** long term storage

### SPECIFICATIONS \* / OEM's & Airframers reference

- Approved Boeing BMS 3-32 D Type I
- Listed in Airbus CML 02CBB1
- Listed in Boeing CML D50022

\* **Approved:** The product has been approved by the relevant authority. The product is referenced on the applicable qualified product list.

CHARACTERISTIC	UNIT	TYPICAL RESULT	BMS 3-32 D TYPE I LIMIT	TEST METHOD
Appearance	-	limpid yellow oil	yellow oil	visual examination
Density at 20°C	kg/dm <sup>3</sup>	0.875	report	ASTM D4052
Kinematic Viscosity at 100°C 40°C -40°C -54°C	mm <sup>2</sup> /s	4.95 13.8 612 3300	- min. 13.2 -	ASTM D445
Flash Point	°C	100	-	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	1850	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.