



## PETROLEUM-BASED SHOCK STRUT FLUID

### BMS 3-32 C Type I

#### AIRBUS CML 02CBB1 – BOEING CML D50022

### DESCRIPTION

Hydraunycoil FH 6 AW is a rust-inhibited petroleum-based fluid with a viscosity of 15 cSt at 40°C. It contains a specific additive package to improve the fluid lubricity and extreme-pressure properties.



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### MAIN APPLICATIONS

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

Nota : Hydraunycoil FH 6 AW is used as shock strut fluid for Airbus aircraft landing gears for both in-flight operation and storage.

Characteristic	Unit	Typical Result	BMS 3-32 C Type I Limit	Test method
- Appearance	-	limpid yellow oil	yellow oil	visual examination
- Density at 20°C	kg/dm <sup>3</sup>	0.86	report	ASTM D 4052
- Kinematic viscosity at At 100°C At 40°C At - 54°C	mm <sup>2</sup> /s	5.4 15.3 3300	- 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	2.8	1.5 - 5.0	ASTM D 974
- Zinc content	mg/kg	1736	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.

