



PETROLEUM-BASED SHOCK STRUT FLUID

SAE AIR 5358A - BMS 3-32 C TYPE II - AIRBUS CML 02CCC1 - BOEING CML D00467

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.

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 D4052
Kinematic viscosity at 100°C 40°C - 54°C	mm ² /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