Hydraunycoil FH 5 AW

PETROLEUM-BASED SHOCK STRUT FLUID

BMS 3-32 A Type II

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.

Application

Hydraunycoil FH 5 AW is intended for use on landing gears of Boeing, Mc Donnell Douglas and Lockheed aircraft. It is validated by Boeing against the specification BMS 3-32 Type II.

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

Hydraunycoil FH 5 AW is not a preservative fluid and shall not be used on landing gears under storage.

Characteristic	Unit	Result	Limit*	Test method
- Appearance	-	limpide liquid	limpide liquid	visual examination
- Density at 20°C	kg/dm^3	0.875	report	ASTM D 4052
- Kinematic viscosity at 100°C 40°C - 54°C	mm²/s	 5.3 13.9 1800	 - 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	2.65	2.30 - 5.00	ASTM D 974
- Zinc content	mg/kg	1590	1300-1900	I.C.P.

* Specification BMS 3-32 A Type II

TFH5AW-2E4a

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.

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