



PETROLEUM-BASED SHOCK STRUT FLUID

BMS 3-32 A Type I

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.

Application

Hydraunycoil FH 6 AW is intended for use as a shock strut fluid on the landing gear of Boeing, Mc Donnell Douglas or Lockheed aircraft. It is validated by Boeing against the specification BMS 3-32 Type I.

It is generally used as preservative fluid for the landing gears after overhaul and as operation fluid (i.e., multi-purpose fluid compared to BMS 3-32 Type II fluids).

Hydraunycoil FH 6 AW has been in service for many years at major European airlines such as Lufthansa and Air France. It is also used as shock strut fluid for Airbus aircraft landing gears (CML item N°02-004C).



Characteristic	Unit	Result	Limit*	Test method
- Appearance	-	conform	limpide liquid yellow	visual examination
- Density at 20°C	kg/dm ³	0.879	report	ASTM D 4052
- Kinematic viscosity at 100°C 40°C - 54°C	mm ² /s	5.24 14.6 3280	- min. 13.2 -	ASTM D 445
- Flash point	°C	96	-	ASTM D 93
- Pour point	°C	< - 63	-	ASTM D 97
- Acid number	mg KOH/g	2.61	1.50 - 3.50	ASTM D 974
- Zinc content	mg/kg	1590	1300-1900	I.C.P.

* Specification BMS 3-32 Type I

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.