



PETROLEUM-BASED SHOCK STRUT FLUID

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 D 4052 |
| Kinematic viscosity at At 100°C At 40°C At - 54°C | mm ² /s | 5.3 14.1 2600 | - 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 | 2.5 | 1.5 - 5.0 | ASTM D 974 |
| Zinc content | mg/kg | 1600 | 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