Shell LHM-S

Fluid for central hydraulic systems in Citroën vehicles

Applications

- ***Suspension, braking and power steering systems in Citroën vehicles***

  SHELL LHM-S fluid (mineral-based hydraulic fluid) is used in hydraulic systems in Citroën vehicles containing a high-pressure central fluid tank. This fluid is used for the following:
  - Suspensions,
  - Brakes,
  - Power steering.

Performance Features and Benefits

LHM-S offers the following advantages:

- Good low-temperature properties
- Compatibility with elastomers found in green-painted Citroën components.
- Compatibility with all seal materials and paints normally specified for use with mineral oil
- Enhanced compatibility with yellow metals even at higher temperatures

Specification and Approvals

LHM-S is approved by CITROËN in accordance with standard B 71 2710.

Advice

Mineral-based hydraulic fluid (LHM) should NOT be used in black-painted Citroën components. Such components are designed to operate with synthetic fluids (LHS), such as Citroën-approved SHELL LHS-S 6830.

If a non-mineral hydraulic fluid is accidentally introduced into a fluid tank intended for LMH fluids only, the tank must be drained as quickly as possible.

Health and Safety

Guidance on Health and Safety are available on the appropriate Material Safety Data Sheet which can be obtained from your Shell representative.

Protect the environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Typical Physical Characteristics

CHARACTERISTICS		METHODS	TYPICAL VALUES
Physical Characteristics			
Density @ 20°C	kg/m3	NF T 60-172	840
Viscosity @ 40°C	mm²/s	NF T 60-100	18 - 19
Viscosity @ 100 °C	mm²/s	NF T 60-100	6.00 – 6.50
Viscosity @ -40°C	mm²-s	NF T 60-100	1000 - 1200
Viscosity Index	-	NF T 60-136	>300
Pour Point	°C	NF T 60-105	>-55

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.