

# LHM FLUID

*This is a mineral hydraulic fluid, specifically designed to be used in the hydraulic suspension circuits, brake circuits and power steering of Peugeot and Citroen vehicles. This low viscosity fluid, with a very high viscosity index, shows the following qualities :allows a quick start and a use until -40°C, very low pour point, remarkable resistance against oxidation, increased boiling temperature and insensible for humidity. Not aggressive towards usual elastomers. Anti-corrosive and anti-wear.*

## APPLICATIONS

*This fluid is used in : hydraulic suspension circuits, brake circuits and power steering of Peugeot and Citroen vehicles (only to be used with green-painted parts). Immiscible and incompatible with synthetic fluids of the Lockheed DOT-type. Also used for hydraulic industrial circuits, where anti-wear properties are unnecessary, especially in the temperature range of -40°C till 50°C.*

## FEATURES

*Pour point: excellent low temperature properties.*

*Elastomer compatibility: no leakage or fluid losses.*

*Anti-corrosion properties: complete brake system protection.*

## SPECIFICATION LEVEL

|              |                |            |          |
|--------------|----------------|------------|----------|
| <b>AFNOR</b> | NF E 48-602 HV | <b>PSA</b> | B71 2710 |
| <b>AFNOR</b> | NF E 48-603 HV |            |          |

## TYPICAL CHARACTERISTICS

| Test                         | Method     | Unit               | Average result              |
|------------------------------|------------|--------------------|-----------------------------|
| Color                        | ASTM D1500 |                    | green to fluorescent yellow |
| Density at 15°C              | ASTM D4052 | g/ml               | 0.841                       |
| Kinematic viscosity at 40°C  | ASTM D445  | mm <sup>2</sup> /s | 17.9                        |
| Kinematic viscosity at 100°C | ASTM D445  | mm <sup>2</sup> /s | 6.3                         |
| Viscosity index              | ASTM D2270 |                    | 356                         |
| Pour point                   | ASTM D6892 | °C                 | -54                         |
| Flash Point COC              | ASTM D92   | °C                 | 193                         |
| Kinematic viscosity at -40°C | ASTM D445  | mm <sup>2</sup> /s | 1200                        |

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

### CHAMPION CHEMICALS NV

G. Gilliotstraat 52 - 2620 Hemiksem - Belgium

Tel. +32 3 870 00 00

[www.championlubes.com](http://www.championlubes.com)

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