

# CHAMPION 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  $-40^{\circ}\text{C}$ , 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  $-40^{\circ}\text{C}$  till  $50^{\circ}\text{C}$ .

## FEATURES

Pour point: excellent low temperature properties

Elastomer compatibility: no leakage or fluid losses

Anti-corrosion properties: complete brake system protection

## PERFORMANCE

<b>AFNOR</b>	NF E 48-602 HV	<b>CHRYSLER</b>	MS 2155
<b>AFNOR</b>	NF E 48-603 HV	<b>Fiat</b>	9.55597-LHM
<b>DIN</b>	51524 T3 HVLP	<b>FORD</b>	ESN-M6C34A
<b>ISO</b>	7308	<b>FORD</b>	ESN-M6C59
<b>CASE</b>	MAT 3630	<b>IVECO</b>	18-1823 CLASSE 1
<b>CASE</b>	MAT 3630-B	<b>PSA</b>	B71 2710

## TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Color	ASTM D1500		green to fluorescent yellow
Density at $15^{\circ}\text{C}$	ASTM D4052	g/ml	0.840
Kinematic viscosity at $40^{\circ}\text{C}$	ASTM D445	$\text{mm}^2/\text{s}$	19.2
Kinematic viscosity at $100^{\circ}\text{C}$	ASTM D445	$\text{mm}^2/\text{s}$	6.37
Viscosity index	ASTM D2270		329
Pour point	ASTM D6892	$^{\circ}\text{C}$	-54
Flash Point COC	ASTM D92	$^{\circ}\text{C}$	135
Kinematic viscosity at $-40^{\circ}\text{C}$	ASTM D445	$\text{mm}^2/\text{s}$	$\leq 1200$

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

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

