

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°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

SPECIFICATIONS

AFNOR	NF E 48-602 HV	CHRYSLER	MS 2155
AFNOR	NF E 48-603 HV	FORD	ESN-M6C34-A
DIN	51524 T3 HVLP	FORD	ESN-M6C59
ISO	7308	IVECO	18-1823 CLASSE 1
CASE	MAT 3630	PSA	B71 2710
CASE	MAT 3630-B		

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Color	ASTM D1500		green to fluorescent yellow
Density at 15°C	ASTM D4052	g/ml	0.840
Kinematic viscosity at 40°C	ASTM D445	mm^2/s	19.2
Kinematic viscosity at 100°C	ASTM D445	mm^2/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°C	ASTM D445	mm^2/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

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