



Havoline[®] CHL 8642

Ultra high performance synthetic power steering fluid

Product description

Havoline CHL 8642 is an ultra high performance synthetic power steering fluid, suitable for use in hydraulic and electro-hydraulic power steering, active suspension systems and other ancillary hydraulically operated systems on passenger cars and trucks.

Havoline CHL 8642 is formulated with high quality synthetic base stocks with an advanced additive combination and promotes quiet steering pump operation by minimising pump noise/squeal.

Customer benefits

- Advanced low temperature fluidity assists excellent cold weather steering performance and wear protection at cold start-up
- Ultra high performance fluid aids enhanced response times in power steering systems, beyond typical mineral product performance
- Offers quiet system operation and helps minimise pump noise (squeal)
- Additive technology promotes protection against critical component rust and corrosion
- Excellent oxidation stability
- Offers robust protection to seals and hoses
- Green colour avoids confusion with other fluids

Applications

- Havoline CHL 8642 is designed for use in hydraulic and electro-hydraulic power steering systems of passenger cars and trucks, and in active suspension and level control systems. It may also be used in shock absorbers and other hydraulically-operated ancillary equipment such as central locking systems and the soft-top closing mechanism of convertible cars

Product highlights

- **Ultra high performance synthetic technology**
- **Contributes critical wear protection at cold start-up**
- **Advanced synthetic formulation promotes enhanced steering response time**
- **Additive design helps minimise pump squeal**
- **Offers robust rust and corrosion protection**
- **Reliable oxidation stability**

Selected specification standards include:

MAN

- Havoline CHL 8642 is a dedicated Power Steering Fluid, not an Automatic Transmission Fluid, and should not be used in automatic transmissions. It has not been validated for use in braking systems, so should not be used in braking systems where an “LHM” fluid is required (such as many Peugeot and Citroën models)

Approvals, performance and recommendations

Approvals

- MAN M 3289 Approved

Typical test data		
Test	Test methods	Results
Product Code		40333
Appearance	Visual	Green
Density, 15 °C, kg/l	ASTM D4053	0.823
Flash Point COC, °C	ASTM D92	156
Pour Point, °C	ASTM D5950	-54
Viscosity, Kinematic, 100 °C, mm ² /s	ASTM D445	6.3
Viscosity, Kinematic, 40 °C, mm ² /s	ASTM D445	19.2
Viscosity Index	ASTM D2270	322

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

Disclaimer Chevron accepts no liability for any loss or damage suffered as a result of using this product for any application other than applications specifically stated in any Product Data Sheets.

Health, safety, storage and environmental Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDSs are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

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