

For more information and technical assistance contact:

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Synfluid® mPAO 100 cSt

Highly Branched Isoparaffinic Polyalphaolefin

Application Synfluid® mPAO 100 cSt can be used in many industrial and automotive lubricant applications. These include engine oils, gear oils, greases, and other functional fluids.

Handling Maximum temperatures of 71 °C (160 °F) for handling and ambient for long-term storage are recommended. For specific instructions on handling, see MSDS.

Typical Properties

Property	Test Method	Typical Value
Kinematic Viscosity, cSt @ 100°C, 212°F	ASTM D7042 or D445	101
Kinematic Viscosity, cSt @ 40°C, 104°F	ASTM D7042 or D445	1,037
Viscosity Index	ASTM D2270	191
Pour Point, °C (°F)	ASTM D5950	-39 (-39)
Flash Point (COC), °C (°F)	ASTM D92	267 (512)
Specific Gravity, 15.6°/15.6°C, 60°/60°F	ASTM D4052	0.846
Density, lb/gal	ASTM D7042	7.060
Bromine Index, mg Br/100g	ASTM D2710	<400
Odor	ASTM D1296	No Foreign Odor
Appearance	ASTM D4176	Clear and Bright
Color, Pt-Co	ASTM D5386	0

MSDS # 100000100031

Revision Date June 2019



Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user's specific application. Chevron Phillips Chemical Company LP does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing in connection with the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as federal, state or local laws which may be encountered in the use thereof. Such questions should be investigated by the user.