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Synfluid® PAO 8 cSt HVI

Highly Branched Isoparaffinic Polyalphaolefin

Application Synfluid® PAO 8 HVI can be used in many industrial and automotive lubricant applications. These include gear oils, compressor oils, engine oils, hydraulic fluids, greases, and other functional fluids.

Handling Maximum temperatures of 65 °C (149 °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	7.9
Kinematic Viscosity, cSt @ 40°C, 104°F	ASTM D7042 or D445	44.7
Kinematic Viscosity, cSt @ -40°C, -40°F	ASTM D7042 or D445	----
Viscosity Index	ASTM D2270	149
Pour Point, °C (°F)	ASTM D5950	-45 (-49)
Flash Point (COC), °C (°F)	ASTM D92	265 (508)
Fire Point (COC), °C (°F)	ASTM D92	296 (564)
Volatility, Noack, wt%	ASTM D5800	3.3
Specific Gravity, 60°/60°F, 15.6°/15.6°C	ASTM D4052	0.832
Density, lb/gal	ASTM D7042	6.943
Total Acid Number, mg KOH/g	ASTM D664	<0.03
Bromine Index, mg BR/100g	ASTM D2710	<200
Odor	ASTM D1296	No Foreign Odor
Appearance	ASTM D4176	Clear and Bright
Color, Pt-Co	ASTM D5386	<1
Color, Saybolt	ASTM D156	+30

MSDS # 100000014143

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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.