

## ExxonMobil Mobil Synturion 6

Category : Fluid , Lubricant

**Material Notes:**

Mobil Synturion 6 is a premium-quality, synthetic-base fluid specially formulated to meet the demanding lubrication and cooling requirements of mechanical seals --and to maximize seal life. The superb inherent properties of the polyalphaolefin synthetic base oil, enhanced by a proprietary additive package, are ideally suited to the special requirements of mechanical seal operation. Mobil Synturion 6 has been developed for the demanding application of barrier/buffer fluid for mechanical seals. The greatest enemies of mechanical seals are excessive surface temperatures and the resulting formation of hard deposits that further increase heat and friction. These factors can shorten seal life, potentially leading to product contamination and costly equipment downtime. Synturion 6 is specifically formulated to prevent premature seal failure. Its excellent thermal stability, low internal friction and heat transfer properties protect against excessive heat buildup and seal surfaces. Additionally, its proprietary additive package is designed to resist degradation and the subsequent formation of deposits. Thermal and Oxidation Stability: In laboratory testing, Synturion 6 demonstrated significantly superior oxidation life and corrosion protection when compared with leading competitive products. The exceptional stability of Synturion 6 is particularly advantageous where hot process fluids can stress the lubricant, ensuring reliable performance at sustained high operating temperatures. In field tests, Synturion 6 has shown excellent resistance to reactive and corrosive process components such as H<sub>2</sub>S and acids. Food Grade Applications: The proprietary formulation of Synturion 6 meets the demanding criteria of FDA 21 CFR 178.3620 for incidental contact with food, allowing it to be used in food product processing.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Mobil-Synturion-6.php](http://www.lookpolymers.com/polymer_ExxonMobil-Mobil-Synturion-6.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.799 g/cc	0.799 g/cc	15°C; ASTM D4052
Viscosity	200 cP @Temperature -35.0 °C	200 cP @Temperature -31.0 °F	ASTM D2983
Viscosity Measurement	135	135	Index; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	5.2 cSt	5.2 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	1.89 cSt	1.89 cSt	ASTM D445
ASTM Color	1.0	1.0	ASTM D1500

Thermal Properties	Metric	English	Comments
Pour Point	-63.0 °C	-81.4 °F	ASTM D97
Flash Point	168 °C	334 °F	ASTM D92

## Contact Songhan Plastic Technology Co.,Ltd.

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