



Adding value to  
your formulations

TECHNICAL DATA SHEET

## SYNBASE POLYOLEFIN 40 High Performance Synthetic Fluid

*SYNBASE POLYOLEFIN 40 IS A HIGH PERFORMANCE BASESTOCK THAT IS AN OFFSET OF PAO 40 AND THAT CAN BE USED IN MANY INDUSTRIAL LUBRICANT APPLICATIONS. THESE INCLUDE GEAR OILS, COMPRESSOR OILS, HYDRAULIC FLUIDS, GREASES, ENGINE OILS AND OTHER FUNCTIONAL FLUIDS. IT IS CLASSIFIED AS A GROUP IV SYNTHETIC BASE OIL.*

### TECHNICAL PROPERTIES

<u>PROPERTY</u>	<u>ASTM</u>	<u>TYPICAL</u>
Viscosity, Kinematic, cSt 100 <sup>0</sup> C (212 <sup>0</sup> F)	D 445	41-43
40 <sup>0</sup> C (104 <sup>0</sup> F)		447-455
Viscosity Index	D2270	149-152
Pour Point, <sup>0</sup> C	D 97	-33
Flash Point (COC), <sup>0</sup> C	D 92	240
Specific Gravity 15.6 <sup>0</sup> /15.6 <sup>0</sup> C (60 <sup>0</sup> /60 <sup>0</sup> F)	D4052	0. 85-0.86
Density, lb/gal		7.13
Total Acid Number	D 974	<0.02
Appearance	D4176	Clear and Bright
Odor	D1296	No Foreign Odor
Color, Co-Pt scale	D5846	< 30

No warranties, express or implied, including warranties of merchantability or fitness for a particular use are made with respect to the products described herein. Nothing contained herein shall constitute permission or a recommendation or inducement to practice any invention covered by a patent without the permission of the patent owner. Customers/users are advised to test the product in advance to make certain it is suitable for their particular production conditions and use or uses of the product. Seller shall not be liable for and the customer assumes all risk and liability for any use or handling of the product. **Date: 8/25/2010**

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● ACETYLENE BLACK ● ALKYLATES ● BASE OILS (GROUP II AND GROUP III) ● CABLE FLOOD, FILL AND GELS ● DIELECTRIC FLUIDS ● PERFORMANCE ADDITIVES  
● POLYALPHAOLEFINS ● POLYBUTENES (STANDARD GRADES) ● REFRIGERATION FLUIDS ● SPECIALTY POLYISOBUTYLENE ● SULFONATES