

Lubrication Technologies, Inc. Synthetic Industrial Lubricant Cross Reference Chart Series

API Group IV Basestocks (PAO)



Beaumont, TX & Gravenchon, France

Base Stock	Nominal Viscosity at 100C, cSt (actual viscosity in parenthesis below the product name/number designation)													
	2	3	4	5	6	8	10	12	14	40	100	150	300	1,000
PAO														
SpectraSyn	2, 2B, 2C (1.7), (1.8), (2.0)		4 (4.1)	5 (5.1)	6 (5.8)	8 (8.0)	10 (10.0)				40 (39.0)	100 (100)		
SpectraSyn Elite											65 (65)		150 (156)	
SpectraSyn Plus			3.6 (3.6)	4 (3.9)		6 (5.9)								

Note: SpectraSyn Ultra 150, 300 and 1000 to be decommercialized December 31, 2013, removed by ExxonMobil request.

INEOS Oligomers La Porte, TX & Felut, Belgium

Base Stock	Nominal Viscosity at 100C, cSt										
	2	4	5	6	7	8	10	12	40	100	150
PAO											
DURASYN [®]	162	164		166		168	170		174I	180R	180I
USA	(1.55-2.1)	(3.8-4.1)		(5.7-6.1)		(7.7-8.0)	(9.4-10.2)		(50)	(100)	(135)
Europe	(1.6-2.1)	(3.8-4.0)		(5.7-6.1)		(7.7-8.0)	(9.4-10.2)		(50)	(100)	(135)
DURASYN [®]			125 (5)	126 (6)	127 (7)	128 (8)					



Elmira, Ontario, Canada

<i>Base Stock</i>													
	2	4	6	8	<i>Nominal Viscosity at 100C, cSt</i>				28	40	100		
					10	12	14						
PAO													
Synton										40	100		
										(40)	(100)		



Cedar Bayou, TX & Pasadena, TX

<i>Base Stock</i>														
	2	4	5	6	<i>Nominal Viscosity at 100C, cSt</i>				10	12	14	28	40	100
					7	8	9							
PAO														
Synfluid®	2	2.5	4	5	6	7	8	9						
	(1.7)	(2.4)	(3.9)	(5.1)	(5.9)	(7.0)	(7.8)	(8.9)						(Cedar Bayou)
mPAO														
Synfluid®											40	100		(Pasadena)
											(41)	(101)		



Beringen, Belgium Previously owned by Neste Oil

<i>Base Stock</i>														
	2	4	6	8	<i>Nominal Viscosity at 100C, cSt</i>				28	40	100	150	300	1,000
					10	12	14							
PAO														
Synfluid®	2	4	6	8										
	(2.0)	(4.0)	(6.0)	(8.0)										



Albemarle produces PAO at Pasadena, TX with all production contracted out to other basestock producers



Idemitsu Chemical previously produced its LINEALENE PAO at Chiba, Japan but has advised Lubrication Technologies, Inc, OEM/Lube News they have withdrawn from the PAO business



Tatneft-Nizhnekamskneftekhim-Oil, Nizhnekamst, Russia

<i>Base Stock</i>	<i>Nominal Viscosity at 100C, cSt</i>											
	2	4	6	8	10	12	14	28	40	100	150	300
PAO-2					PAO-10							
PAO-4					PAO-12							
PAO-6												
PAO-8												