ArChine Base Polymers

Product Description

ArChine base stocks are polyalkylene glycols (PAGs), which are polymers of ethylene oxide and propylene oxide described with the generalized formula:

ArChine Synfluid PAG 50-A series are alcohol-started base stocks containing equal amounts, by weight, of oxyethylene and oxypropylene groups with a single terminal hydroxyl group. They are water soluble at ambient temperature and are available in a variety of molecular weights and viscosities.

ArChine Synfluid PAG 75-W series are diol-started base stocks containing 75 weight percent oxyethylene and 25 weight percent oxypropylene groups with two terminal hydroxyl groups. They are water soluble at temperatures below 75°C and are available in a variety of molecular weights and viscosities.

ArChine Synfluid PAG P series are alcohol-started base stocks of all oxypropylene groups (m=0) with one terminal hydroxyl group. They are water insoluble and available in a variety of molecular weights and viscosities.

Product Application

1. **ArChine Synfluid PAG 50-A- series**
   - For Metalworking Fluids
   - For Gear& Bearing Oil
   - For Release agent for rubber
   - For Textile Fiber Lubricant
   - ArChine Synfluid PAG 50-A-460/680/1000 for defoaming
2. **ArChine Synfluid PAG 75-W- series**
   - For Water-Glocol Hydraulic Fluid
   - For Metalworking Fluids
   - For Release agent for rubber
   - For Textile Fiber Lubricant
   - ArChine Synfluid PAG 75-W-18000/75-W-55000 for Quenching fluid
3. **ArChine Synfluid PAG P- series**
   - For Industrial Lubricants
   - ArChine Synfluid PAG P-120/220/320 for defoaming

Shanghai PingYiao Trading CO., Ltd.

Distributor Wanted
Shanghai PingYiao Trading CO.，Ltd. Tel：86-21-64705533
Adress：Xuhui District, Shanghai Caoxi Yinhai Building, A1207 Room, No. 250
Telephone helpline：(86)15900706965 Fax：86-21-64705533-209
Website：www.pingyiao.com E-mail：info@pingyiao.com

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Typical Physical Properties

Product	ISO Grade	Viscosity Index（VI）	SUS 100°F	Viscosity 40°C (cSt)	Viscosity 100°C (cSt)	Flash Point (°C)COC	Pour Point (°C)	Specific Gravity 20/20°C)	M.W.
Water soluble grades (50%EO & 50%PO)									
ArChine Synfluid PAG 50-A-10		97	55	8.3	2.36	124	-62	0.98	270
ArChine Synfluid PAG 50-A-20		165	100	19	4.59	196	-51	1.01	520
ArChine Synfluid PAG 50-A-30	32	197	170	33	7.45	232	-42	1.03	750
ArChine Synfluid PAG 50-A-50		212	260	53	11.1	238	-40	1.03	1100
ArChine Synfluid PAG 50-A-80		220	400	81	16.3	249	-41	1.04	1270
ArChine Synfluid PAG 50-A-100	100	215	-	100		235	-50		
ArChine Synfluid PAG 50-A-150	150	230	-	145	28	240	-48	1.05	2000
ArChine Synfluid PAG 50-A-220	220	239	-	217	41	240	-42	1.06	2600
ArChine Synfluid PAG 50-A-460	460	254	2000	440	70.2	249	-32	1.06	2660
ArChine Synfluid PAG 50-A-680	680	269	3520	700	117	243	-29	1.04	3380
ArChine Synfluid PAG 50-A-1000	1000	281	5100	1000	163	230	-36	1.06	4500
ArChine Synfluid PAG 50-A-1500		-	-	1500	233	-	-	1.06	-

Product	ISO Grade	Viscosity Index（VI）	SUS 100°F	Viscosity 40°C (cSt)	Viscosity 100°C (cSt)	Flash Point (°C)COC	Pour Point (°C)	Specific Gravity 20/20°C)	M.W.
Water soluble grades (75%EO & 25%PO)									
ArChine Synfluid PAG 75-W-60	100	184	450	60	19.6	240	-15	1.10	980
ArChine Synfluid PAG 75-W-130		200	-	130	-	230	2	1.05	1400
ArChine Synfluid PAG 75-W-270		207	-	270	41.3	250	-7	1.09	2500
ArChine Synfluid PAG 75-W-2000		310	-	2000	295	-	1.1	-	-

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ArChine 75-W-17000	Synfluid	PAG	414	90,000	17,000	2545	265	4.4	1.09	12000
ArChine 75-W-18000	Synfluid	PAG	414	-	18,000	2,540	245	6	1.09	15000
ArChine 75-W-55000	Synfluid	PAG	430	-	55,000	7,900	240	6	1.09	30000
ArChine 75-W-70000	Synfluid	PAG	500	-	72,000	9,500	235	8	1.09	39000
ArChine 75-W-77000	Synfluid	PAG	-	380,000	-	11,685	239 (闭杯)	-16	1.10	-
ArChine 75-W-100K	Synfluid	PAG	500	-	100,000	14,000	235	8	1.09	52000

Product	ISO Grade	Viscosity Index（VI）	SUS 100°F	Viscosity 40°C (cSt)	Viscosity 100°C (cSt)	Flash Point (°C)COC	Pour Point (°C)	Specific Gravity 20/20°C)	M.W.
Water insoluble grades (100%PO)									
ArChine Synfluid PAG P-10	10		65	11	2.73	221	-57	0.96	340
ArChine Synfluid PAG P-35	32	169	165	33	6.7	208	-60	0.98	790
ArChine Synfluid PAG P-50	46	188	250	50	9.86	274	-51	0.99	1100
ArChine Synfluid PAG P-60	68	190	285	61	10.8	235	-40	0.99	1020
ArChine Synfluid PAG P-80		190	385	76	13.9	211	-52	0.99	1350
ArChine Synfluid PAG P-100	100	196	525	100	18.4	238	-34	0.98	1420
ArChine Synfluid PAG P-120		200	625	120	21.4	232	-32	0.98	1560
ArChine Synfluid PAG P-220	220	214	1145	230	28.9	235	-29	0.93	2080
ArChine Synfluid PAG P-320	320	219	-	330	51.7	225	-32	1.00	2370

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