

## Octopus P Plus Series

**Octopus P Plus Series**, base oils for blending of high quality automotive and industrial lubricants. They are severely solvent extracted and hydrofinished as a result of which discoloration even after a long time does not occur.

### Benefits

- Good oxidation- and color stability, light colored, minimum evaporation losses by heating, low aromatic content

### TECHNICAL PROPERTIES

Property	Test Methods	Unit	524	624	725	1328	1928	3029	3931
Density, 15 °C	ASTM-D 4052	g/ml	0.873	0.875	0.878	0.884	0.887	0.897	0.901
Kinematic Viscosity @ 40 °C	ASTM-D 445	mm <sup>2</sup> /s	30	47	59	129	228	466	675
Kinematic Viscosity @ 100 °C	ASTM-D 445	mm <sup>2</sup> /s	5.1	6.9	7.9	13.2	19	30.9	39.3
Viscosity Index	ASTM-D 2270		100	100	100	99	98	94	93
V-G Constant (VGC)	ASTM-D 2501	-	0.820	0.811	0.815	0.810	0.807	0.810	0.809
Color	ASTM-D 1500	-	L0.5	L0.5	L1.0	L1.0	L2.5	L3.5	L 4.0
Flash Point, COC	ASTM-D 92	°C	224	244	252	280	290	296	310
Pour Point	ASTM-D 97	°C	-12	-12	-12	-12	-12	-9	-9
Sulphur Content	ASTM-D 2622	% wt.	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Conradson Carbon Residue	ASTM-D 189	% wt.	<0.01	<0.01	<0.01	<0.05	<0.10	<0.10	0.10
Total Acid Number	ASTM-D 974	mgKOH/g	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Refractive Index n <sub>20</sub> /D	ASTM-D 1218	-	1.475	1.476	1.482	1.486	1.489	1.491	1.495
Aniline Point	ASTM-D 611	°C	98	103	105	115	118	122	124
Ash Content	ASTM-D 482	% wt.	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Noack Volatility	CEC L-40-A-93	% wt.	14.6	7	5.1	2	1.4	0.9	0.6
Loss on Heating, 163 °C, 3 h	IP 45	% wt.	0.1	0.1	0.01	0.01	0.01	0.01	0.01
Carbon Distribution	ASTM-D 2140								
C <sub>A</sub>		%	4	3	3	5	4	4	5
C <sub>N</sub>		%	28	29	29	28	27	27	26
C <sub>P</sub>		%	68	68	68	67	69	69	69
DMSO Extractable Compounds	IP 346	%	<3	<3	<3	<3	<3	<3	<3

\*The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modification is reserved.

\*Revision Date/No:16.01.2012/00

Production : Arslanbey Yolu Cuhane Cad. No:181  
Kartepe/Kocaeli

Tel : +90 262 3735730  
Fax : +90 262 3735575  
Internet : [www.petroyag.com](http://www.petroyag.com)  
E-mail : [info@petroyag.com](mailto:info@petroyag.com)

