



## OTHER CHEMICALS

Characteristic	Test Method	UNIT	NPE-2EO	NPE-4EO	NPE-5EO	NPE-6EO	NPE-9EO
CLOUD POINT	BALLESTRA B-B5	°C	25- 30	54- 56	63- 65	68- 69	54- 56
PH	ASTM D-1172	-	5- 7	5- 7	5- 7	5- 7	5- 7
HYDROXYL NO.	ASTM D-4252	mgKOH/gr	180-190	140-150	127-132	115-120	89-93
DENSITY@25°C	ASTM D-1298	Kg/lit	0.99-1.0	1.01-1.03	1.03-1.04	1.03-1.04	1.05-1.06
VISCOSITY@25 °C	ASTM D-445	CST	350-400	235-365	225-255	220-250	225-255
M.W	CALCULATED	Kg/Kmol	295-312	374-401	425-442	467-488	603-630
HLB	CALCULATED	--	5.6-6.0	8.8-9.4	9.9-10.3	10.8-11.3	12.6-13.1
WATER CONTENT	BALLESTRA	WT%	0.5 MAX	0.5 MAX	0.5 MAX	0.5 MAX	0.5 MAX

Characteristic	Test Method	UNIT	NPE-10EO	NPE-12EO	NPE-15EO	NPE-20EO	NPE-45EO
CLOUD POINT	BALLESTRA B-B5	°C	64- 66	84-86	67-69	73-76	-
PH	ASTM D-1172	-	5- 7	5-7	5-7	5-7	5- 7
HYDROXYL NO.	ASTM D-4252	mgKOH/gr	85-89	75-79	62-65	49-52	23-27
DENSITY@25°C	ASTM D-1298	Kg/lit	1.05-1.07	1.05-1.06	1.06-1.07	1.06-1.08	-
VISCOSITY@25 °C	ASTM D-445	CST	230-260	105-125	130-150	110-130	Ca.155
M.W	CALCULATED	Kg/Kmol	630-660	710-748	863-905	1079-1145	2078-2440
HLB	CALCULATED	-	13.3-14.0	14.1-14.9	14.6-15.3	15.4-16.3	16.2-19.1
WATER CONTENT	BALLESTRA	WT%	0.5 MAX	0.5 MAX	0.5 MAX	0.5 MAX	-