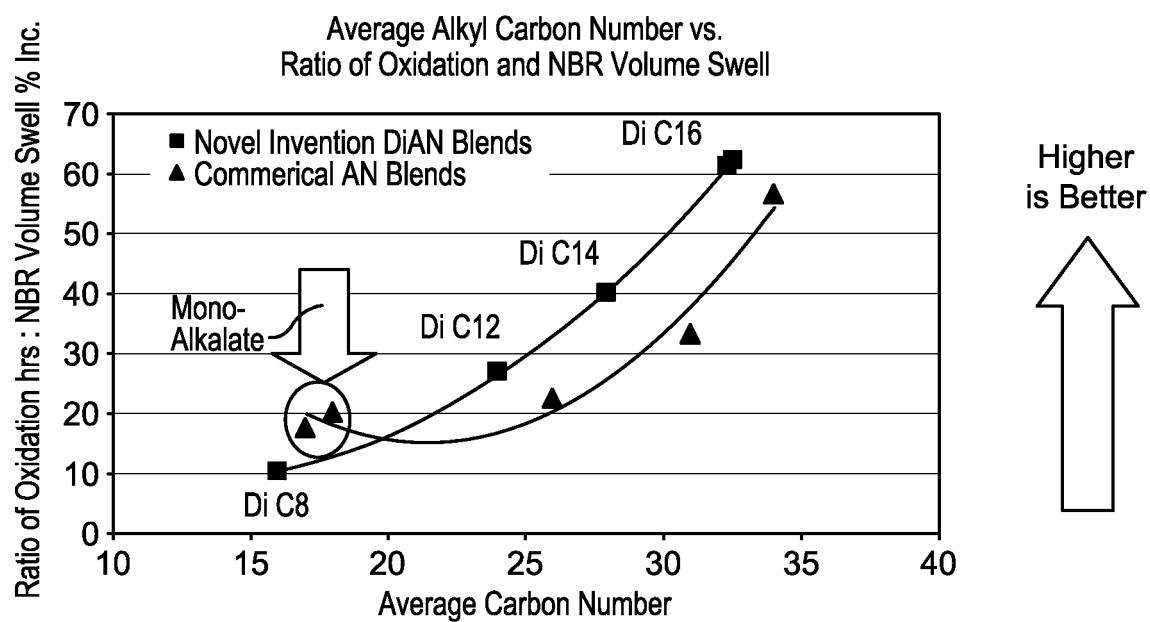


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Figure 1

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Base Stock Composition						Industrial Lubricant Formulation Results		
Base Stock Description	Kinematic Viscosity 100C mm ² /s	% Mono-alkylate	% Di-alkylate	% Tri-alkylate	Ave Alkyl C #	Oxidation Volume Change Ratio	NBR 28 Volume Change	Oxidation hours
DI-AN C12	11.3	0.10	99.90	0.00	24	27.0	9.7	262.0
DI-AN C14	13.8	0.22	99.78	0.00	28	40.0	7.2	287.7
DI-AN-C16	14.8	0.05	97.64	2.31	33	62.2	4.8	298.7
DI-AN-C16	14.9	0.00	96.43	3.57	32	61.4	5.4	331.5
DI-AN-C8	7.0	0.02	97.08	2.9	16	10.3	19.2	197.3
AN 13	12.6	Mixed Alkylates			31	33.2	7.3	242.6
AN 9	8.9	Mixed Alkylates			26	22.6	10.7	242.2
AN 14	14.0	Mixed Alkylates			34	56.8	5.4	306.6
AN 5	4.8	Mixed Alkylates			17	17.6	17.9	314.8
AN 5	5.4	Mixed Alkylates			18	20.2	17.1	344.8

Figure 2

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C13 NMR Analysis

Sample	Avg C#	CH3 / total aliphatic integral	BI	TMN
DiAN-C12	12	0.1605	-0.074	1.926
DiAN-C16	16	0.1272	0.035	2.035

Figure 3