



**Combined State Binder
Group**

Method of Acceptance for
Asphalt Binders

RR 2007-1
SUMMARY B

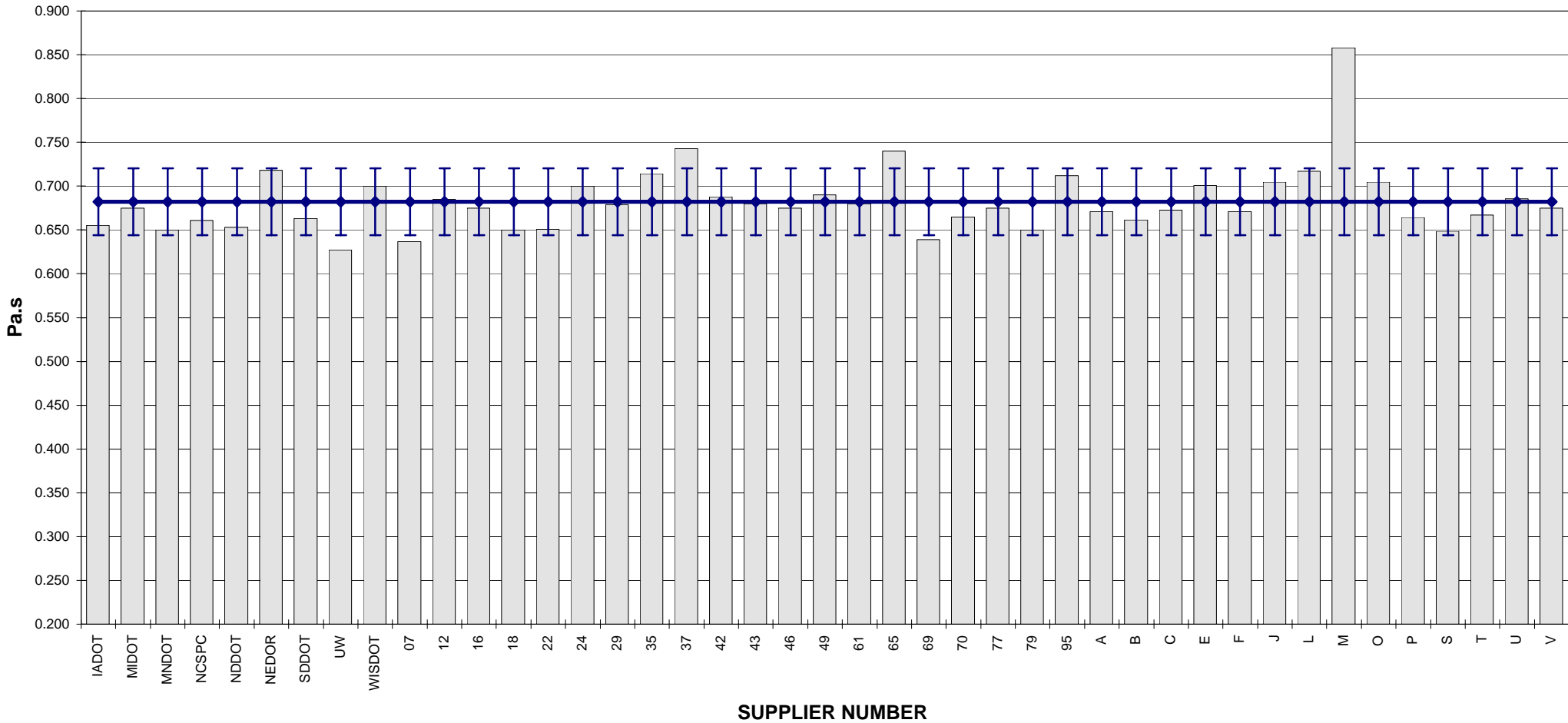
COMBINED STATE BINDER GROUP ROUND ROBIN 2007-1
SUMMARY B
PG 64-34P

Supplier Number	Rotational Viscosity (Pa.s) @135°C	DSR Original (kPa) @64°C	DSR Phase Angle @64°C	DSR RTFO (kPa) @64°C	Elastic Recovery (%) @25°C	DSR PAV (kPa) @19°C	Mass Loss (%) @163°C	BBR S-value (MPa) @-24°C	BBR m-value @-24°C
IADOT	0.655	1.22	64.1	2.54	88	1,257	-0.514	221	0.313
MIDOT	0.675	1.30	63.8	2.68	88	1,272	-0.565	221	0.333
MNDOT	0.650	1.23	63.8	2.78		1,771	-0.611	224	0.329
NCSPC	0.661	1.39	63.7	2.43	90	1,535	-0.507	218	0.324
NDDOT	0.653	1.28	64.7	2.61	90	1,514	-0.568	221	0.325
NEDOR	0.718	1.27	63.6	3.05	89	1,917	-0.099	246	0.324
SDDOT	0.663	1.35	63.8	2.76	89	1,765	-0.658	225	0.327
UW	0.627	1.28	63.3	2.32		1,659	-0.108	223	0.320
WISDOT	0.700	1.28	63.5	2.43		1,416	-0.482	208	0.337
07	0.637	1.33	64.5	2.60	90	1,548	-0.537	220	0.329
12	0.685	1.27	63.8	2.70		1,616	-0.705	230	0.330
16	0.675	1.28	63.4	2.63	85	1,746	-0.621	230	0.328
18	0.650	1.29	64.0	2.76	91	1,715	-0.557	245	0.334
22	0.651	1.30	64.0	2.58		1,652	-0.660	235	0.331
24	0.700	1.34	63.0	2.91	90	1,465	-0.508	214	0.324
29	0.679	1.29	63.6	2.42	91	1,664	-0.565	225	0.321
35	0.714	1.23	63.6	2.70		1,694	-0.282	254	0.309
37	0.743	1.30	63.6	2.67	91	2,043	-0.536	240	0.317
42	0.688	1.27	64.0	2.72	90	1,480	-0.631	217	0.326
43	0.680	1.32	63.8	2.75	90	1,525	-0.546	233	0.335
46	0.675	1.29	63.7	2.69	82	1,570	-0.567	214	0.324
49	0.690	1.28	63.9	2.60	90	1,410	-0.557	222	0.324
61	0.680	1.27	63.9	2.57	90	1,430	-0.441	228	0.334
65	0.740	1.36	63.4	2.50		1,934	-0.583	207	0.348
69	0.639	1.25	64.3	2.51	90	1,658	-0.354	216	0.326
70	0.665	1.27	63.7	2.43		1,475	-0.540	189	0.336
77	0.675	1.21	63.5	2.64	91	1,684	-0.583	229	0.327
79	0.650	1.29	63.8	2.66	91	1,580	-0.564	234	0.326
95	0.712	1.34	63.7	3.00	90	1,624	-0.484	221	0.330
A	0.671	1.27	63.7	2.71	88	1,423	-0.678	233	0.329
B	0.662	1.30	63.7	2.80	88	1,418	-0.476	219	0.332
C	0.672	1.27	64.0	2.66	89	1,712	-0.511	234	0.317
E	0.701	1.22	64.1	2.70	90	1,499	-0.662	226	0.324
F	0.671	1.29	63.8	2.52	90	1,437	-0.570	244	0.326
J	0.705	1.31	63.6	2.67	90	1,411	-0.421	216	0.324
L	0.717	1.24	63.8	2.75	90	1,799	-0.690	229	0.327
M	0.858	1.32	64.1	2.56		1,529	-0.562	216	0.326
O	0.705	1.31	63.7	2.45	90	1,562	-0.299	237	0.333
P	0.665	1.27	64.1	2.54		1,540	-0.368	239	0.325
S	0.649	1.26	64.7	2.59		1,923	-0.581	226	0.322
T	0.667	1.28	64.0	2.67	89	1,617	-0.466	218	0.328
U	0.686	1.26	63.5	2.58	89	1,453	-0.504	228	0.329
V	0.675	1.32	63.8	2.72	91	1,732	-0.660	228	0.327
Average	0.68	1.28	63.81	2.64	89.28	1,597	-0.520	226	0.327
Std. Dev.	0.0380	0.0380	0.3318	0.1481	1.8092	173.57	0.1342	11.74	0.0066
Coef. of Var.	5.576	2.961	0.520	5.611	2.026	10.869	25.781	5.202	2.030

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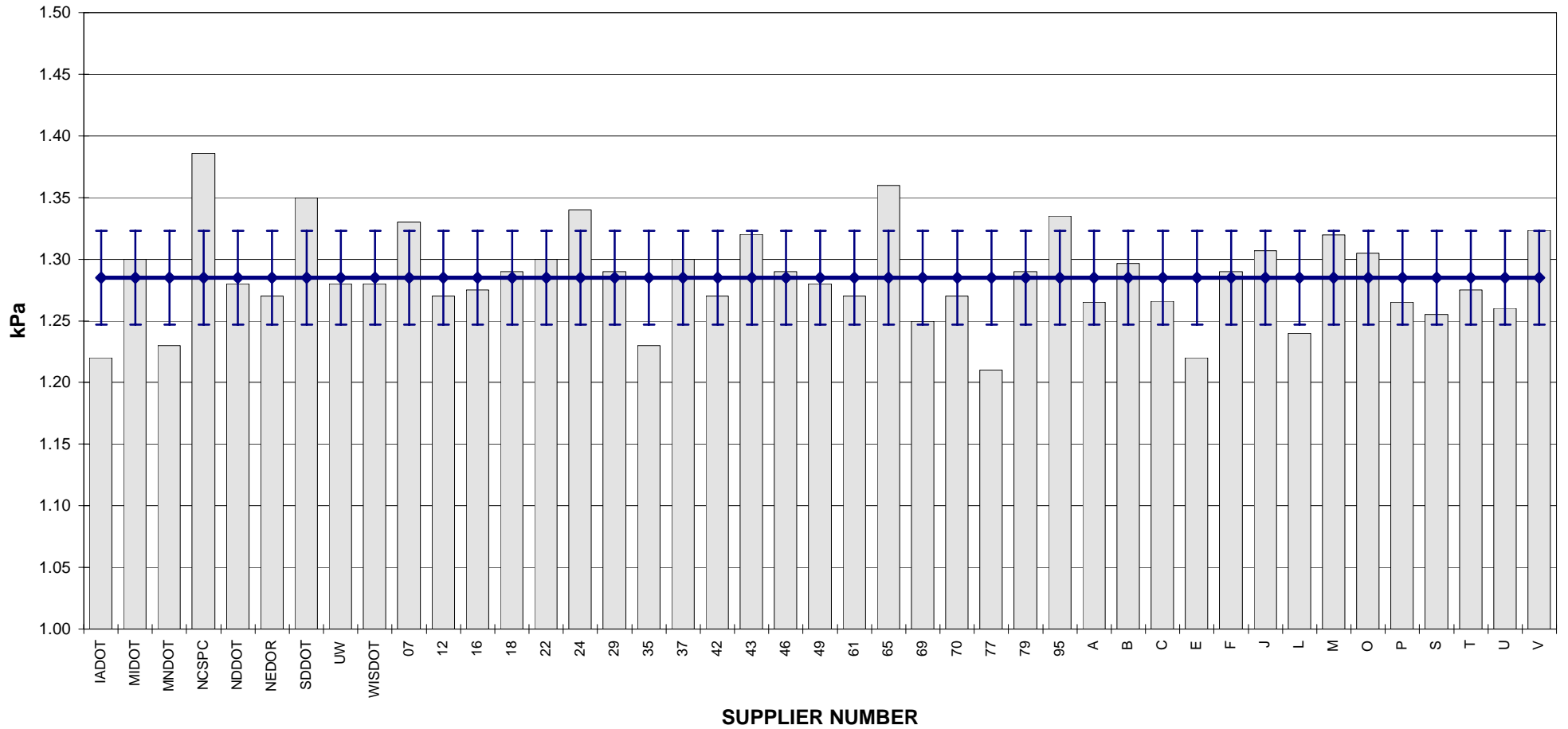
PG 64-34P

ROTATIONAL VISCOSITY



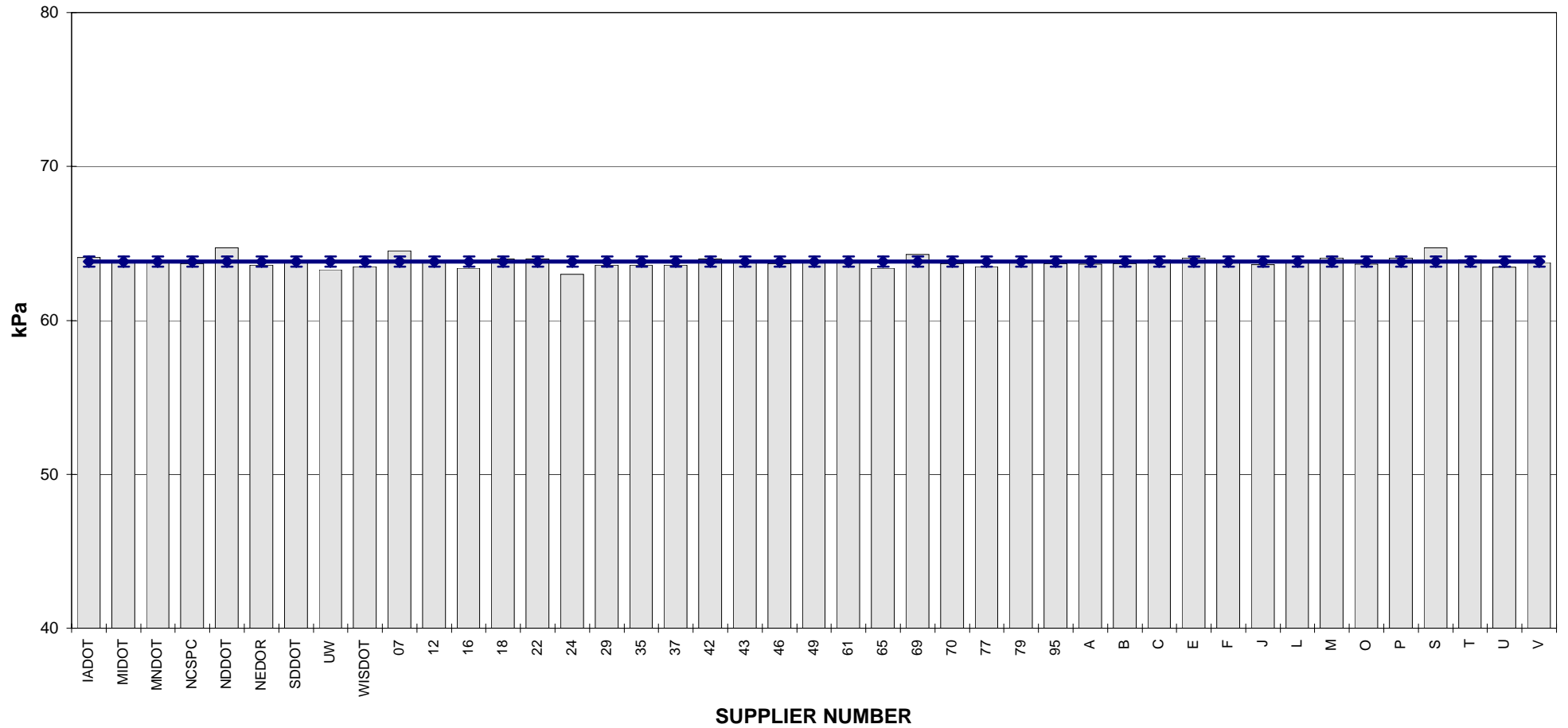
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SUMMARY B
PG 64-34P**

DSR - ORIGINAL



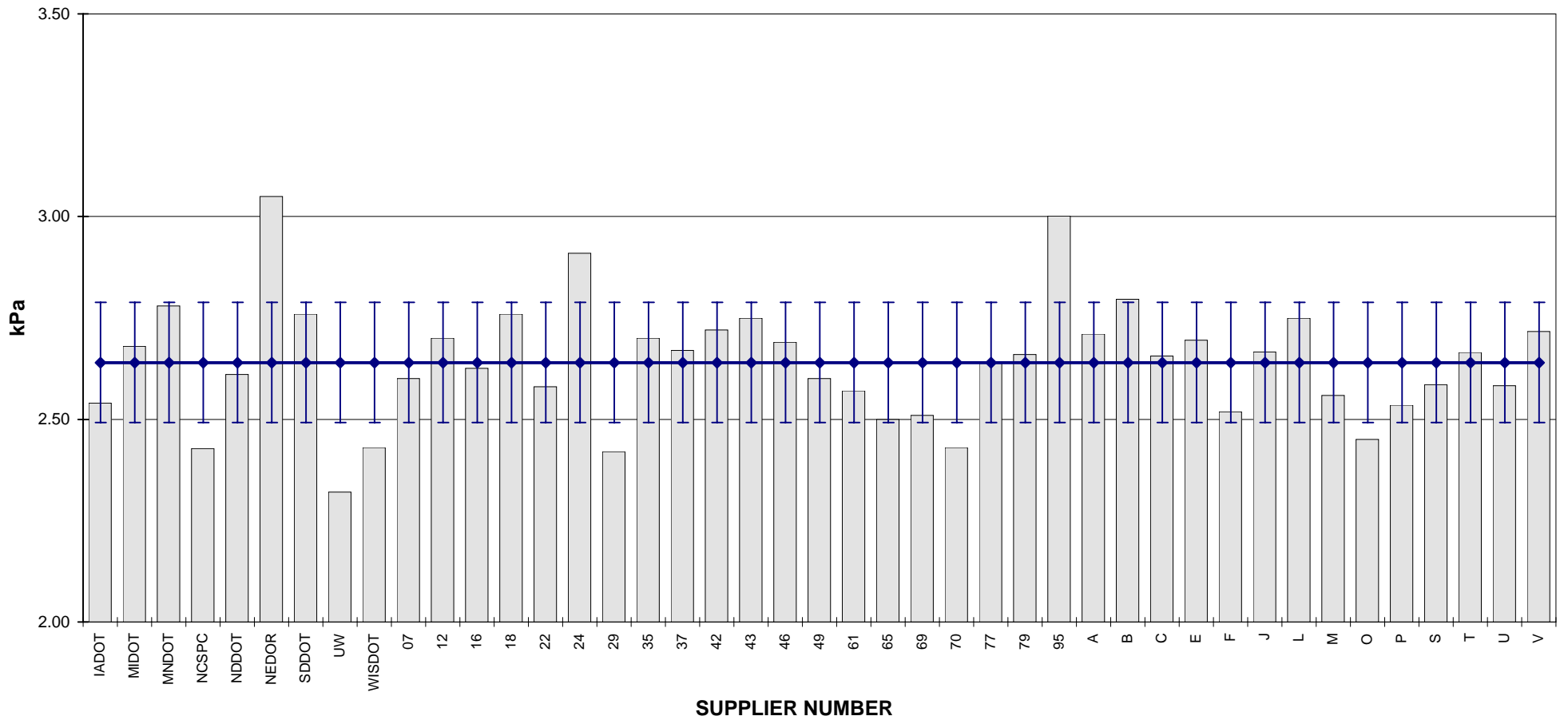
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SUMMARY B
PG 64-34P

DSR - PHASE ANGLE



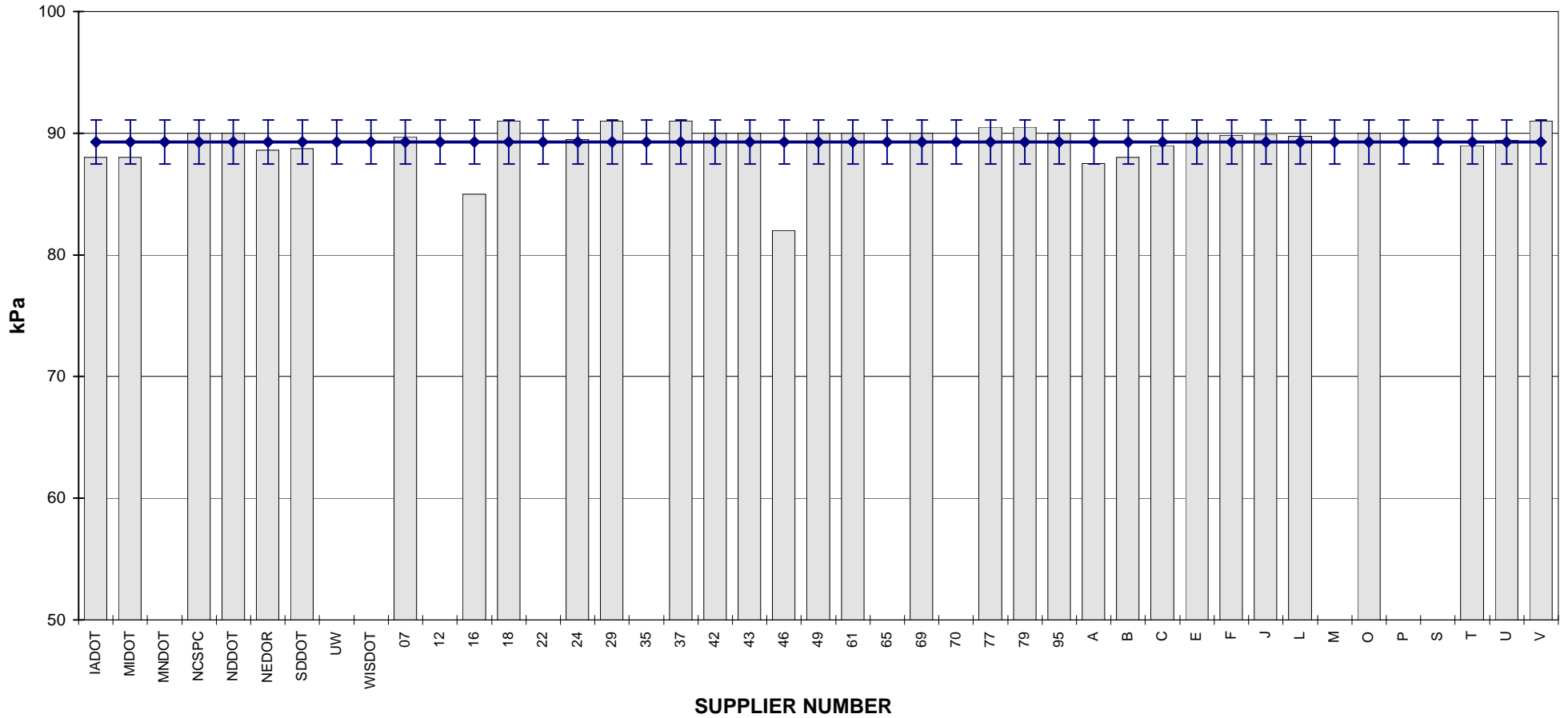
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SUMMARY B
PG 64-34P**

DSR - RTFO



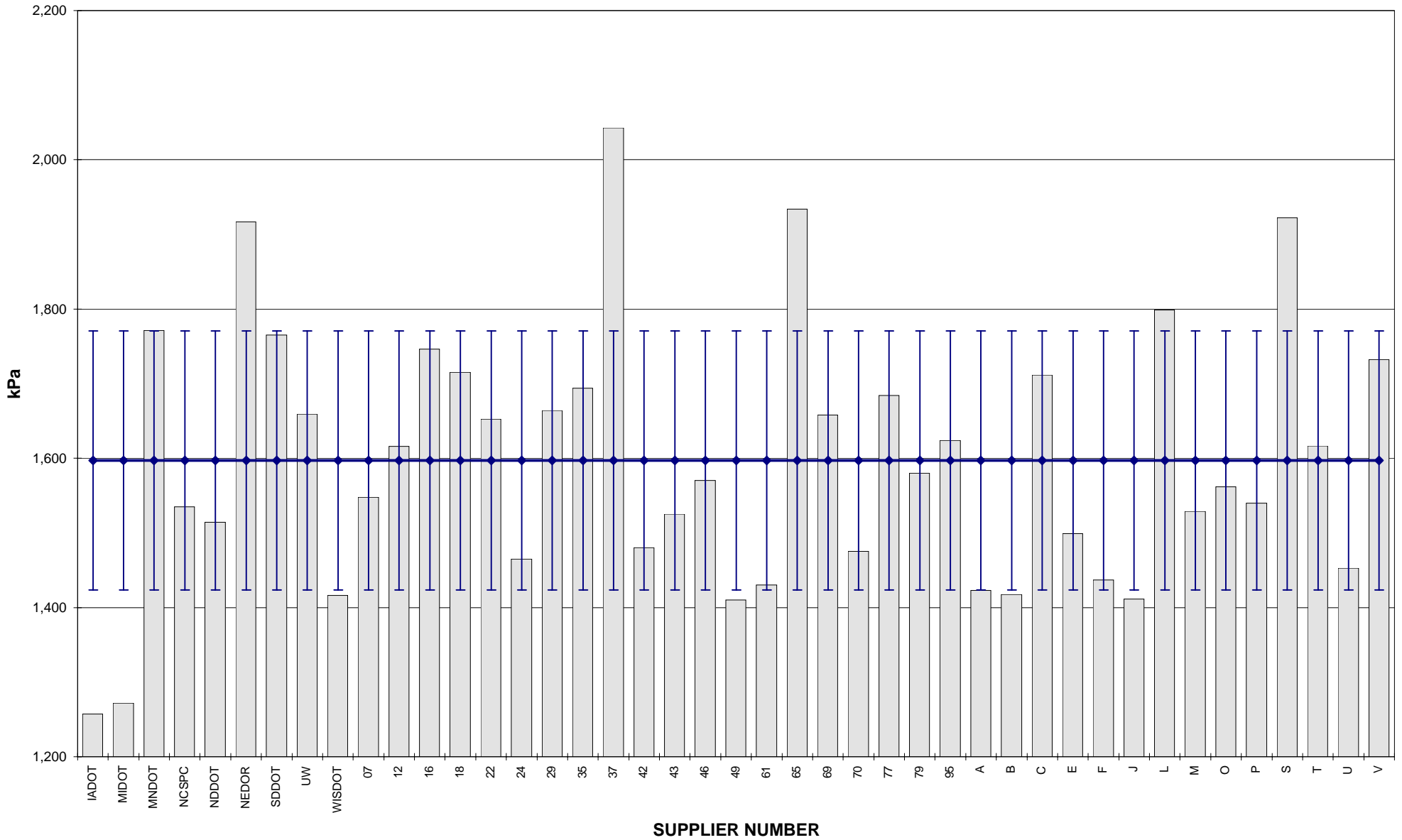
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PG 64-34P**

ELASTIC RECOVERY



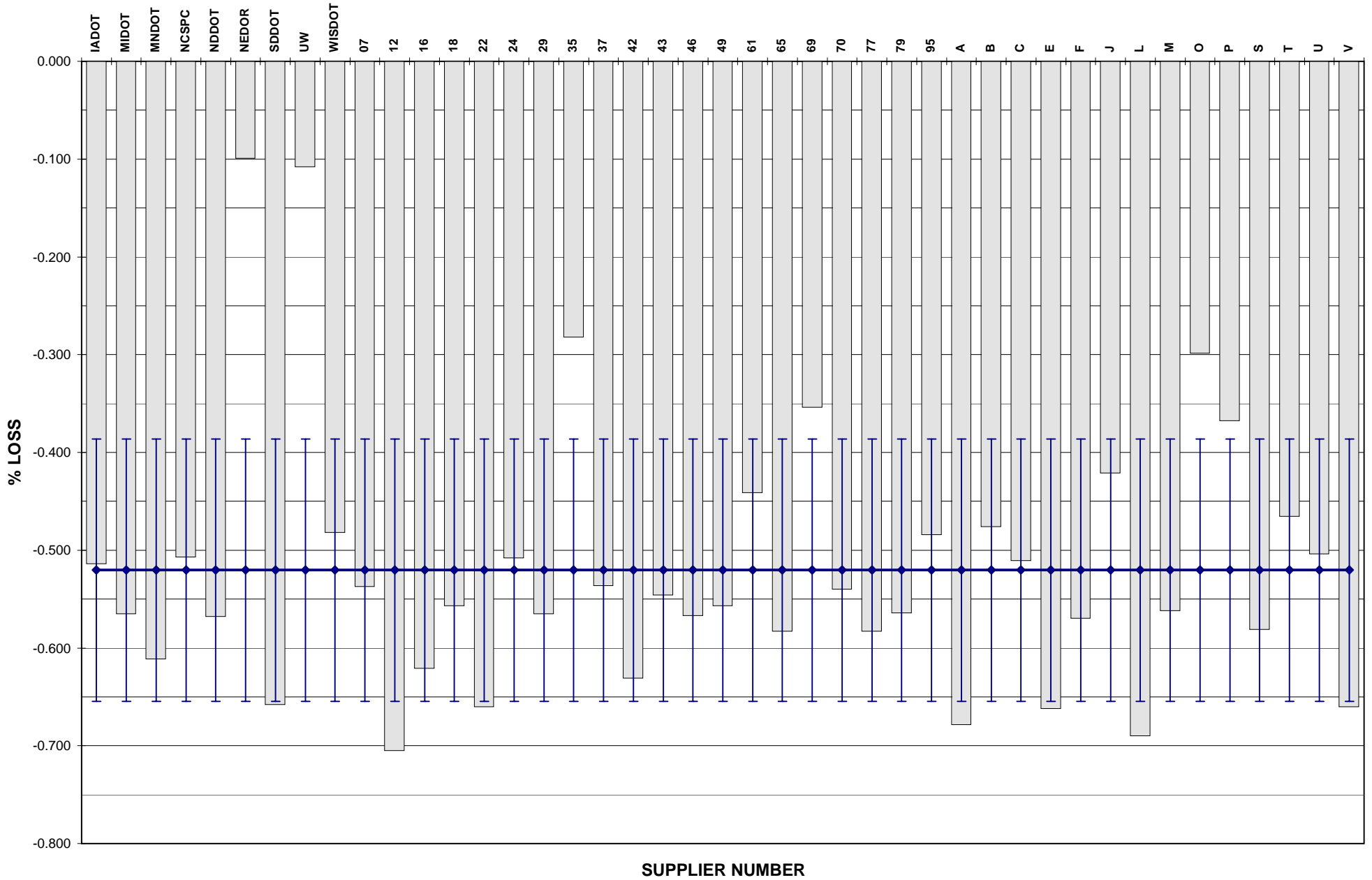
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SUMMARY B
PG 64-34P**

DSR - PAV



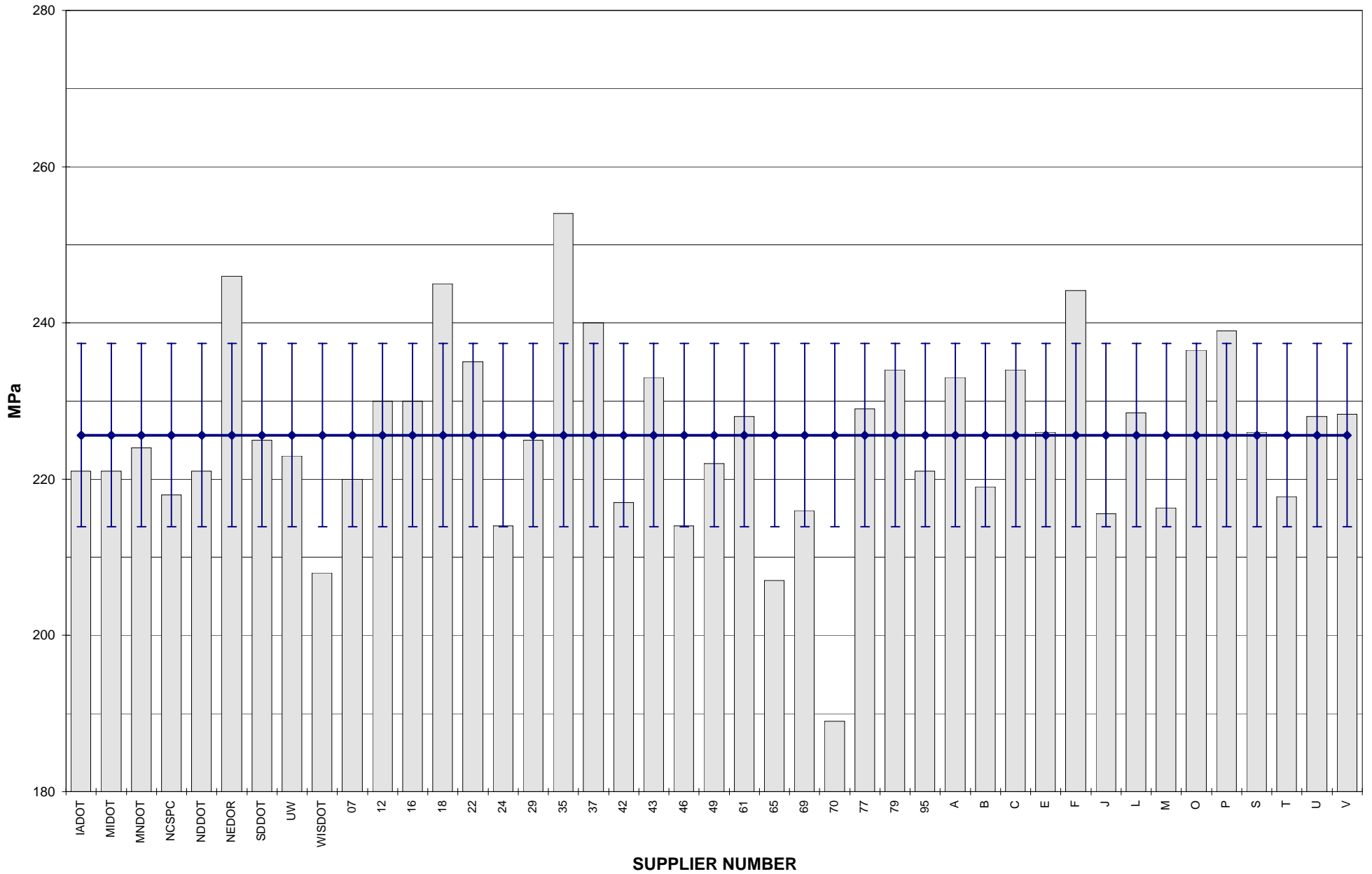
COMBINED STATE BINDER GROUP ROUND ROBIN 2007-1
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 PG 64-34P

RTFO MASS LOSS



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 PG 64-34P

BBR STIFFNESS



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PG 64-34P

BBR m-VALUE

