

Combined State Binder Group

**Method of Acceptance for
Asphalt Binders**

**Round Robin 2004-2
Summary B**

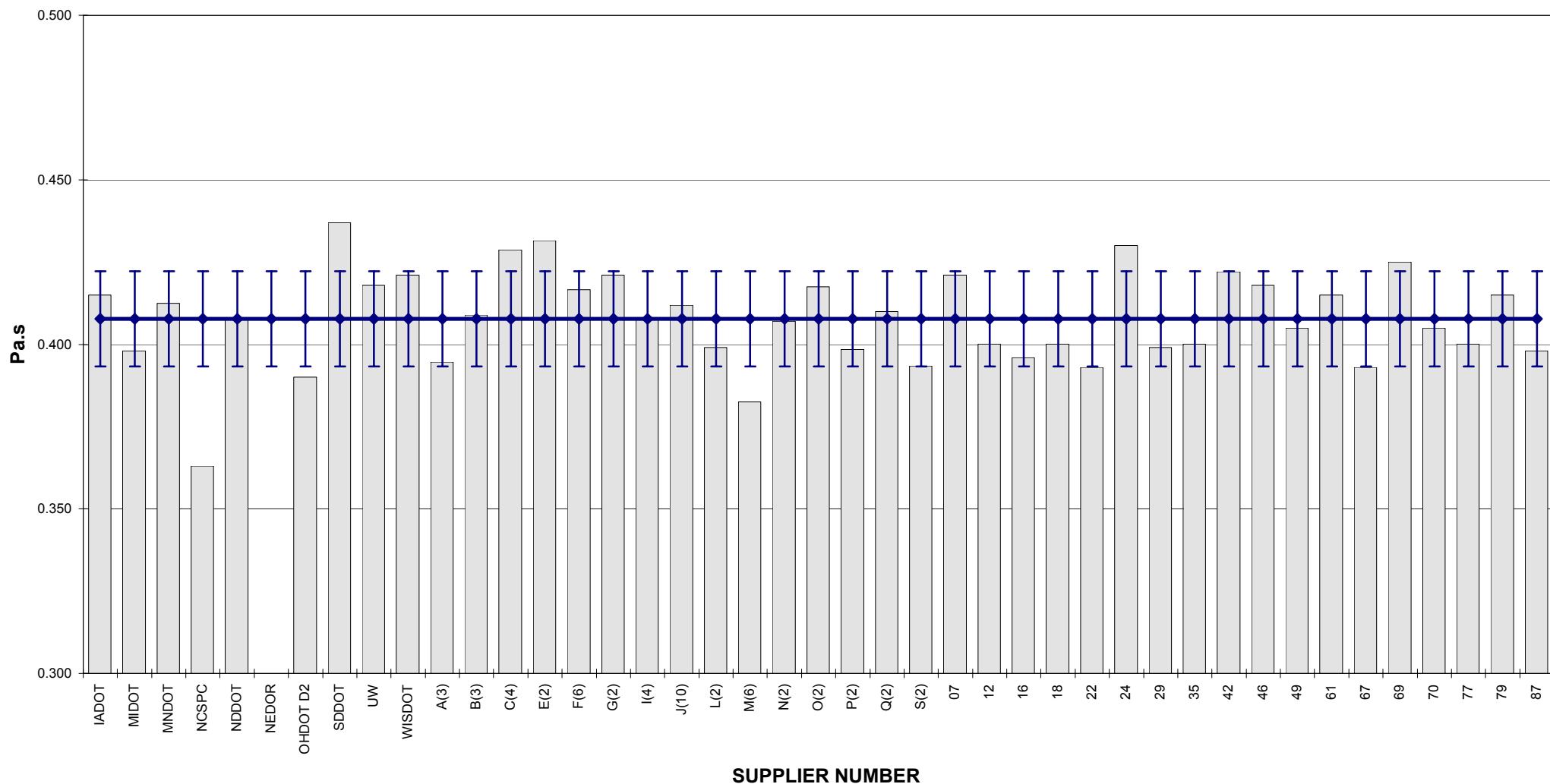
COMBINED STATE BINDER GROUP ROUND ROBIN 2004-2
SUMMARY B

Supplier Number	Rotational Viscosity (Pa.s) @135°C	DSR Original (kPa) @64°C	DSR RTFO (kPa) @64°C	PG 64-22 DSR PAV (kPa) @25°C	Mass Loss (%) @163°C	BBR S-value (MPa) @-12°C	BBR m-value @-12°C
IADOT	0.415	1.31	3.32	4,555	-0.266	215	0.313
MIDOT	0.398	1.27	3.24	4,601	-0.305	206	0.316
MNDOT	0.413	1.27	3.46	4,754	-0.360	202	0.308
NCSPC	0.363	1.35	3.03	3,111	-0.341	202	0.313
NDDOT	0.408	1.32	3.24	3,893	-0.323		
NEDOR		1.26	3.17	5,750	-0.186	191	0.319
OHDOT D2	0.390	1.30	3.36	4,381	-0.288	196	0.323
SDDOT	0.437	1.38	3.43	2,416	-0.300	198	0.326
UW	0.418	1.21	3.16		-0.288		
WISDOT	0.421	1.22	2.80	3,587	-0.262	198	0.339
A(3)	0.395	1.29	3.15	4,333	-0.286	216	0.328
B(3)	0.409	1.25	3.18	3,960	-0.214	194	0.318
C(4)	0.429	1.23	3.16	4,080	-0.321	203	0.320
E(2)	0.432	1.34	3.40	3,897	-0.344	200	0.322
F(6)	0.417	1.31	3.14	3,791	-0.039	191	0.330
G(2)	0.421	1.40	3.22	4,089	-0.281	207	0.325
I(4)	0.408	1.39	3.43	4,545	-0.239	206	0.325
J(10)	0.412	1.21	3.12	4,141	-0.266	190	0.317
L(2)	0.399	1.25	3.21	4,704	-0.265	195	0.325
M(6)	0.383	1.29	3.22	4,030	-0.242	183	0.326
N(2)	0.407	1.26	3.27	3,800	-0.279	202	0.330
O(2)	0.418	1.29	3.40	4,811	-0.331	211	0.322
P(2)	0.399	1.33	3.22	3,745	-0.430	203	0.326
Q(2)	0.410	1.32	2.98	3,973	-0.274	197	0.327
S(2)	0.394	1.20	2.95	4,451	-0.348	201	0.322
07	0.421	1.39	2.99	4,370	-0.304	202	0.326
12	0.400	1.24	3.08	4,206	-0.376	191	0.326
16	0.396	1.22	3.05	4,862	-0.199	193	0.324
18	0.400	1.25	3.52	3,727	-0.308	193	0.324
22	0.393	1.18	2.88	3,779	-0.390	209	0.319
24	0.430	1.37	3.26	4,274	-0.252	208	0.328
29	0.399	1.20	2.63	3,427	-0.355	193	0.320
35	0.400	1.29	3.59	3,558	-0.224	172	0.369
42	0.422	1.29	3.28	4,149	-0.365	212	0.320
46	0.418	1.25	3.17	3,920	-0.340	203	0.321
49	0.405	1.31	3.48	1,399	-0.349	208	0.313
61	0.415	1.25	3.21	1,399	-0.371	199	0.325
67	0.393	1.29	3.43	4,200	-0.324	181	0.342
69	0.425	1.30	3.05	4,235	-0.395	148	0.332
70	0.405	1.31	3.27	3,892	-0.340	187	0.326
77	0.400	1.25	3.34	4,013	-0.335	192	0.322
79	0.415	1.24	3.77	4,482	-0.363	211	0.318
87	0.398	1.24	3.29	3,708	-0.281	187	0.332
Average	0.4078	1.2814	3.2219	3,976.08	-0.3011	197.39	0.3245
Std. Dev.	0.0144	0.0550	0.2117	788.50	0.0683	12.32	0.0097
Coef. of Var.	3.543	4.290	6.571	19.831	22.686	6.241	2.981

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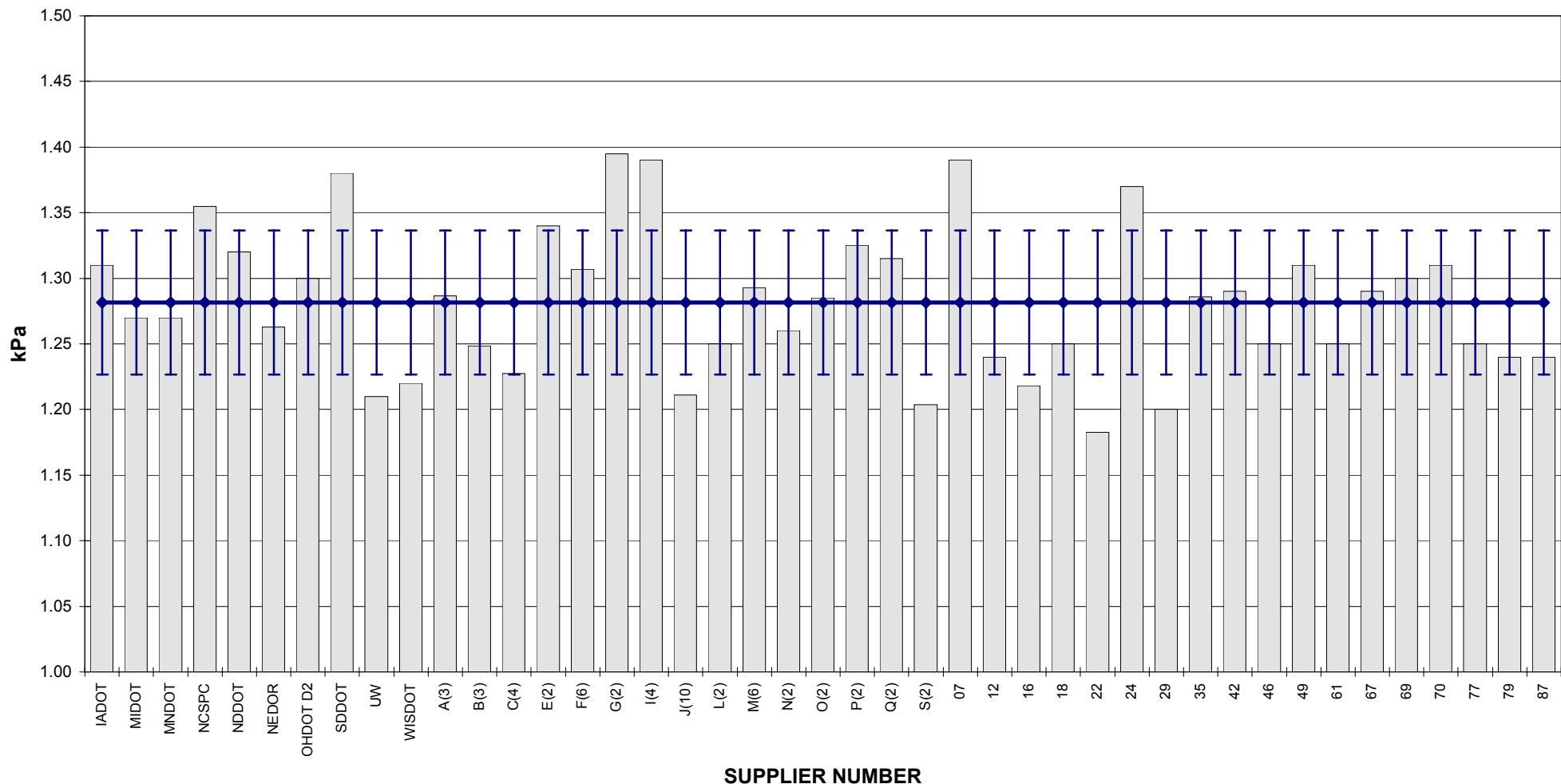
PG 64-22

ROTATIONAL VISCOSITY



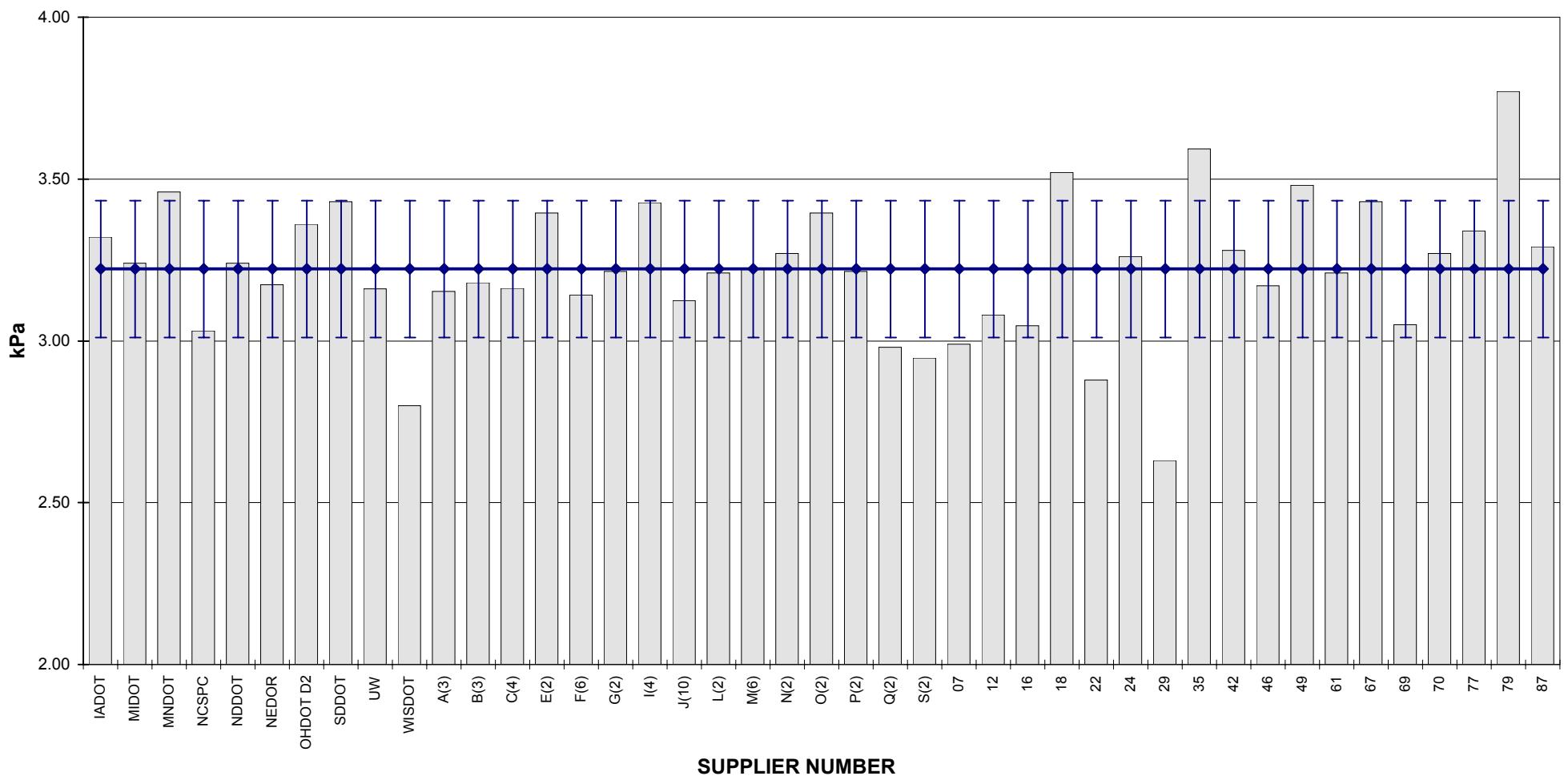
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DSR - ORIGINAL

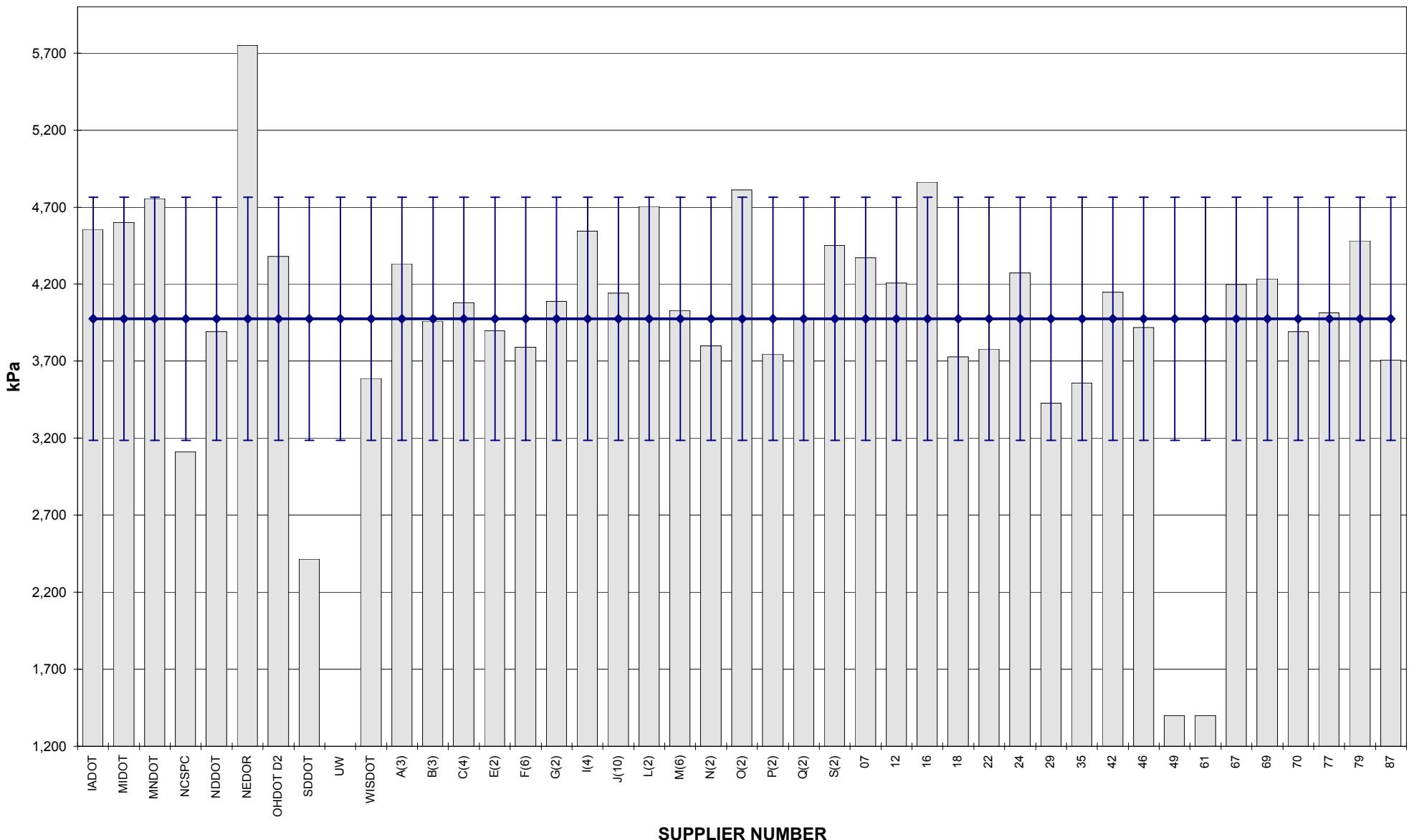


COMBINED STATE BINDER GROUP ROUND ROBIN 2004-2
SUMMARY B
PG 64-22

DSR - RTFO



COMBINED STATE BINDER GROUP ROUND ROBIN 2004-2
SUMMARY B
PG 64-22
DSR - PAV

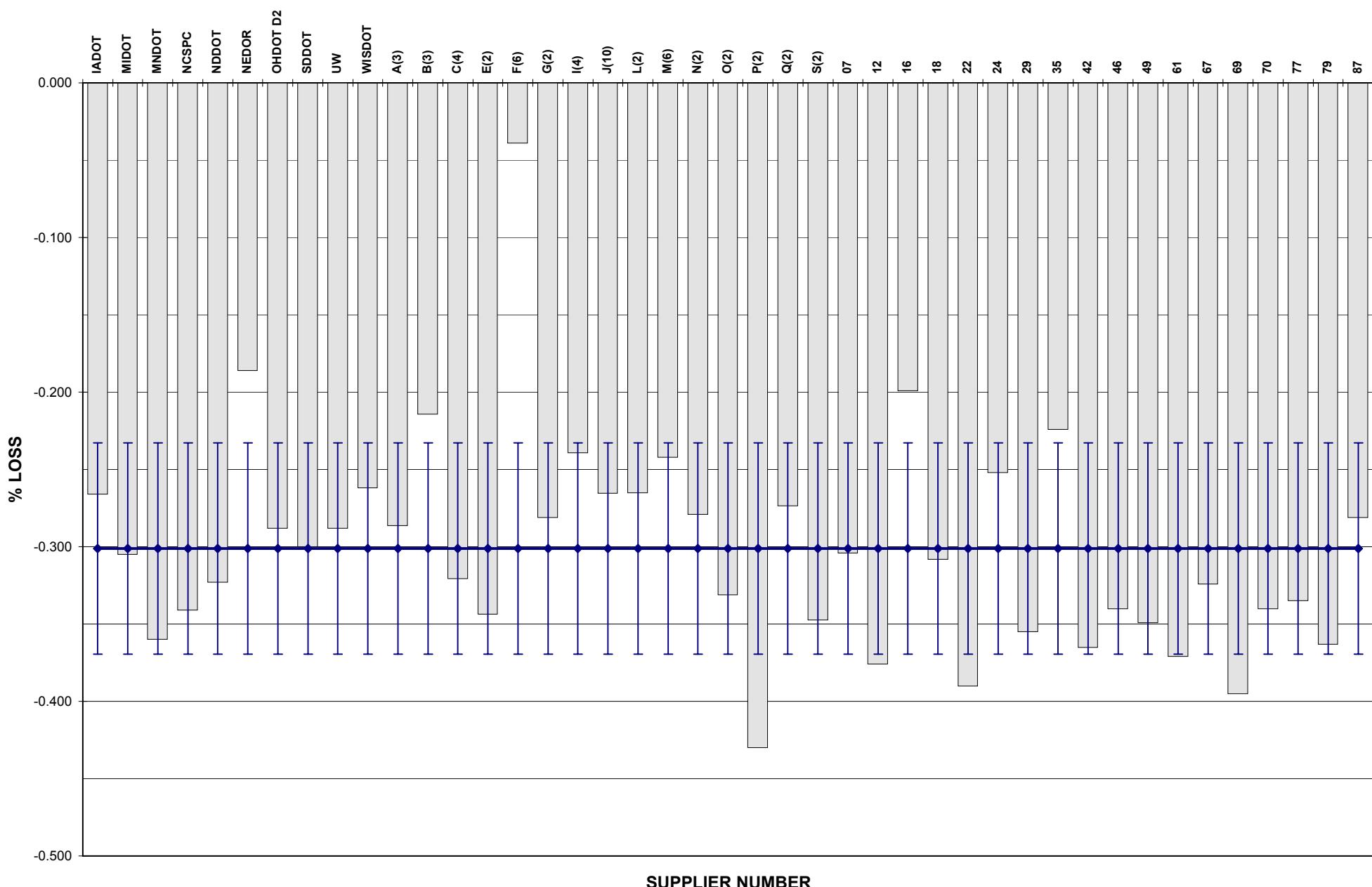


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SUMMARY B

PG 64-22

RTFO MASS LOSS

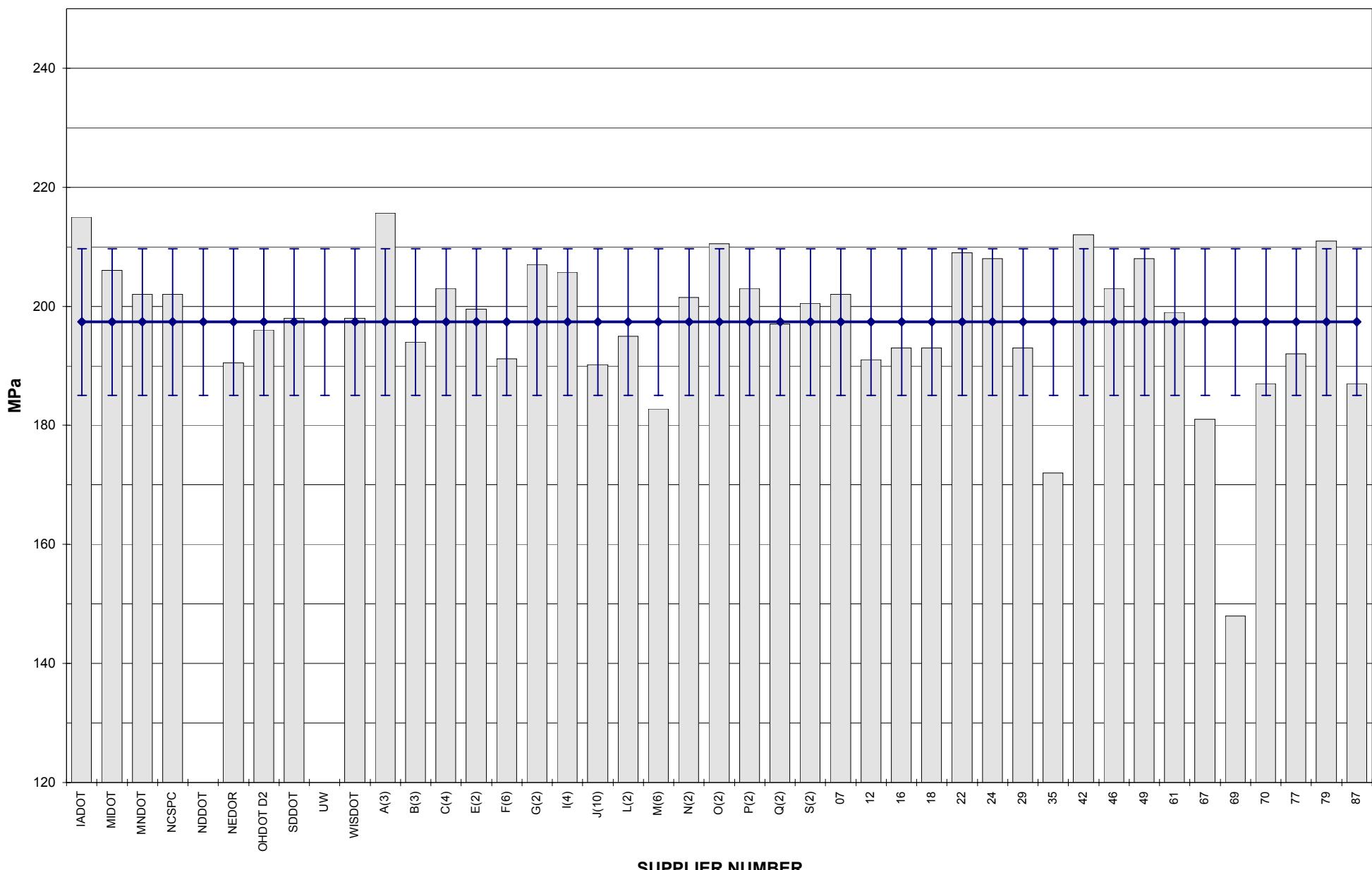


COMBINED STATE BINDER GROUP ROUND ROBIN 2004-2

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PG 64-22

BBR STIFFNESS



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SUMMARY B

PG 64-22

BBR m-VALUE

