

America's Choice®



Base Oils

TYPICAL PROPERTIES

America's Choice®	ASTM TEST MEATHOD	RHT70	RHT85	RHT120	RHT 150	RHT 240
Specific Gravity, 60F	ASTM D1298	0.8580	0.8600	0.8610	0.8630	0.8670
Viscosity						
cSt @ 40 °C	ASTM D445	11.8	17.5	24.5	28.6	46.0
cSt @ 100 °C.....	ASTM D445	2.9	3.8	4.6	5.1	7.0
Viscosity Index	ASTM D2270	86	99	101	108	108
Flash Point, °C.....	ASTM D92	180	196	220	220	240
Pour Point, °C	ASTM D97	-18	-18	-15	-15	-12
Color (ASTM)	ASTM D1500	L1.0	L1.0	L1.0	L1.0	L1.0
Copper Corrosion	ASTM D130	1a	1a	1a	1a	1a
Aniline Point, F	ASTM D6 11	202	212	219	226	234
Sulfur, ppm.....	ASTM D5185	250	250	250	250	340
Refractive Index	ASTM D1218	1.4746	1.4738	1.4745	1.4742	1.4771
Sulfated Ash, %	ASTM D874	<0.04	<0.04	<0.04	<0.04	<0.04
Molecular Weight	ASTM D2502	325	340	400	400	470
Noack Distillation, wt%	ASTM D5800	NA	36	16	15	8
Volatility, wt%	ASTM D972	NA	0.12	0.37	NA	NA
Modified Ames Assay	ASTM E1687	Pass	Pass	Pass	Pass	Pass
Polycyclic Aromatic, %	IP346	<3.0	<3.0	<3.0	<3.0	<3.0
Clay-Gel, wt%	ASTM D2007					
Saturates		85	88	90	90	89
Aromatics		14.7	11.8	9.8	9.7	10.7
Polar Compounds		0.3	0.2	0.2	0.3	0.3

Note: The values shown are representative of current production and may vary within modest ranges.



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