

Southwest Research Institute

- Reid Vapor Pressure Testing showed a significant decrease of the Reid Vapor Pressure in both Conventional and Reformulated Gasoline



	Conventional Gasoline			E10 Reformulated Gasoline			E85 Reformulated Gasoline		
	Baseline	w/ Centron	% Change	Baseline	w/ Centron	% Change	Baseline	w/ Centron	% Change
Average RVP (psi) ASTM D 5191 RVP	8.06	7.85	-2.6%	6.85	6.77	-1.2%	6.58	6.48	-1.5%
Octane (ON) ASTM D 2699 Research Octane	91.8	91.8	0.0%	93.5	93.5	0.0%	100.8	100.7	-0.1%
Octane (ON) ASTM D 2700 Motor Octane	81.7	81.6	-0.1%	84.0	84.0	0.0%	89.3	89.4	0.1%
Octane (ON) (R+M)/2	86.8	86.7	-0.1%	88.8	88.8	0.0%	95.1	95.1	0.0%