

Appendix C: MOVES2014 Fuel Formulation for the Missoula CO Maintenance Area.

<u>Fuel Formulation ID</u>	<u>2617 Gasoline</u>	<u>2619 Ethanol</u>	<u>25001 Diesel</u>	<u>27001 E-85</u>	<u>28001 Compressed Natural Gas</u>
Fuel Subtype ID	10	12	20	51	30
RVP <sup>a</sup>	11.68	12.68	0	10.50	0
Sulfur Level	45.77	45.77	15.00	8.00	7.60
ETOH Volume <sup>b</sup>	0	10	0	74	0
MTBE Volume <sup>c</sup>	0	0	0	0	0
ETBE Volume <sup>d</sup>	0	0	0	0	0
TAME Volume <sup>e</sup>	0	0	0	0	0
Aromatic Content	25.44	21.79	0	0	0
Olefin Content	8.75	6.68	0	0	0
Benzene Content	1.61	1.61	0	0	0
e200 <sup>f</sup>	50.07	54.95	0	49.90	0
e300 <sup>g</sup>	86.65	87.19	0	89.50	0
BioDiesel Ester Volume	0	0	0	0	0
Cetane Index	0	0	0	0	0
PAH Content <sup>h</sup>	0	0	0	0	0
T50 <sup>i</sup>	198.70	188.74	0	200.00	0
T90 <sup>j</sup>	308.95	306.5	0	300.00	0

<sup>a</sup> RVP = Reid Vapor Pressure.

<sup>b</sup> ETOH Volume = Ethanol Volume.

<sup>c</sup> MTBE Volume = Methyl tertiary butyl ether Volume.

<sup>d</sup> ETBE Volume = Ethyl tert-butyl ether Volume.

<sup>e</sup> TAME Volume = Tertiary amyl methyl ether Volume.

<sup>f</sup> e200 = Percent of fuel evaporated at 200 degrees Fehrenhuit.

<sup>g</sup> e300 = Percent of fuel evaporated at 300 degrees Fehrenhuit.

<sup>h</sup> PAH Content = Polycyclic aromatic hydrocarbons content.

<sup>i</sup> T50 = Distillation temperature (degrees Fehrenhiut) at 50% of fuel is evaporated.

<sup>j</sup> T90 = Distillation temperature (degrees Fehrenhiut) at 90% of fuel is evaporated.