APPENDIX A
MOTOR FUEL SPECIFICATIONS

OTTO ENGINE

	Motor Gasoline with Tetra Ethyl Lead	Motor Gasoline with Aromatics and Tetra-Ethyl Lead (Min of 20 wt % of Aromatics	Motor Gascline with Aromatics (Min of 35 wt % of Aromatics)
General Characteristics:	The fuel must be clear free from undissolved water and solid impurities and should not attack copper.		
Color			
Density @ 15° C	0.720-0.780	0.740-0780	0.753-0.780
Octane No. (Motor Method)	72	72	72
Boiling Range			
up to 75°C	25 vol %	25 vol %	25 vol %
up to 100°C	30 vol %	38 vol %	45 vol %
up to 200°C	95 vol %	95 vol %	95 vol %
Reid Vapor Pressure @ 40° C	0.20-0.60 kg/cm^2	0.20-0.60 Kg/cm^2	0.20-0.60 kg/cm^2
Residue mg/ 100 c.c.	10 max.	10 max.	10 max.
Cloud Point °C	-20	-20	-20
Heat Value	7500 Kg cal/Liter	7650 Kg cal/Liter	7700 Kg cal/Liter
Sulfur Content (wt %)	0.2 max.	0.2 max.	0.2 max.
Tetra Ethyl Lead (vol %)	0.04 max.	0.04 max.	0

APPENDIX A
MOTOR FUEL SPECIFICATIONS

DIESEL ENGINE

	DIESEL FUEL	SPECIAL DIESEL FUEL
General Characteristics:	The fuel must be free from solid impurities	
Density @ 15° C	0.810-0.865	0.810-0.865
Viscosity °E @ 20°C	1.1-2.0	1.1-2.0
Pour Point	-30°C	-30°C
Cloud Point	-10°C	-10°C
Filtering Rate @ Pour Point Cloud Point	 200 cc/min. @-25°C 200 cc/min. @- 5°C	 200 cc/min @-25°C 200 cc/min @- 5°C
Flash Point	55°C min.	21°C min.
Acid Value (mgKOH/gm)	0.4 max.	0.4 max.
Zinc Corrosion	4.0 mg max.	4.0 mg. max.
Sulfur Content (wt %)	1.0 max.	1.0 max.
Minimum Heat Value	9900 Kg Cal/Kg	9900 Kg Cal/Kg
Centan Value	45 min.	45 min.
Water Content (wt%)	0.5 max.	0.5 max.
Ash (wt %)	0.05 max.	0.05 max.
Residue Eagemunn/Hammerich Conradson	 2.0 wt % 0.05 wt %	 2.0 wt % 0.05 wt %
Boiling Range	80 vol % @ 360°C	80 vol % @ 360°C
Miscibility:	All Diesel fuels must be miscible with one another	