

## LEBANESE SPECIFICATIONS OF PETROLEUM PRODUCTS

### DIESEL OIL

PROPERTY	LIMITS	METHOD
Flash point Pensky Martens, °C	Min 55	ASTM D-93
Water and sediment by centrifuge, % vol	Max 0.05	ASTM D-2709
Cold Filter Plugging point, °C	Max -5 (Nov - March inclusive) Max 0 (April - Oct inclusive)	IP-309
Distillation temperature, at 760 mm Hg, recovered:  At 250 °C, vol% At 350 °C, vol% At 370 °C, vol%	Max 65 Min 85 Min 95	ASTM D-86
Kinematic Viscosity at 40 °C, cSt	Min 2.00 Max 4.50	ASTM D-445
Color	Light Yellow	Visual
Ash % Mass	Max 0.01	ASTM D-482
Sulfur, ppm	Max 10	ASTM D-5453
Corrosion, copper strip (3 hrs at 50°C)	Max 1	ASTM D-130
Cetane Number	Min 49	ASTM D-613
Cetane Index	Min 46	D-4737
Ramsbottom Carbon Residue (on 10% residuum), %wt	Max 0.3	ASTM D-524
Density at 15 °C, Kg/m <sup>3</sup>	820 - 860	ASTM D-4052
Oxidation stability, g/m <sup>3</sup>	Max 25	ASTM D-2274
Fame, Vol%	Max 7.0	EN-14078