

SPECIFICATION OF DIESEL AUTOMOTIVE GAS OIL (AGO)

PARAMETER	TEST METHOD IP/ASTM	LIMITS
Specific Gravity 15/15 deg C	160 / D1298	0.820min, 0.870 max
Distillation: Recovered @ 357 deg C (% Vol. EBP deg.)	123 / D86	90 min, 385 max
Color (ASTM)	D 150000	3 max
Flash Point (deg. C)	34 / D93	66
Total Sulphur (% wt)	x-ray	0.3 max
Copper Corrosion (3 hr @ 100 deg. C)	154 / D130	No. 1 Strip max
Kinematic Viscosity @ 38 deg. C (Cst)	71 / D445	1.6 – 5.5
Cloud Point (deg. C)	219 / D2500	4.4 max
Carbon residue (% wt.)	D189	0.15 max
Acidity (inorganic acid)		Nil
Total Acid Number (mg KOH/gm)	139 / D974	0.50 max
Ash Content (% wt.)	4 / D482	0.01 max
Sediment (% wt.)	53 / D473	0.01 max
Water by Distillation	74 / D95	0.05% max
Diesel Index	IP 21	47 min