

# SPECIFICATION OF DIESEL

## AUTOMOTIVE GAS OIL (AGO)

Automotive Gas oil, also known as diesel, is generated from crude distillation process. It is used to efficiently power internal combustion diesel engines.

Automotive Gas Oil, or AGO Diesel, is the name given to fuel intended for use in road vehicles (Trucks, Buses, Vans and Cars) powered by diesel engines.

AGO is used in two main types of vehicles:

1. Heavy duty vehicles, such as trucks and buses.
2. Light duty vehicles, such as vans and passenger cars.

PARAMETER	Test Method IP/ASTM	LIMITS
Specific Gravity 15/15 °C	160 / D1298	0.820 min, 0.870 max
Distillation:		
Recovered @ 357 °C (% Vol. EBP deg.)	123 / D86	90 min, 385 max
Color (ASTM)	D 150000	3 max
Flash Point (°C)	34 / D93	66
Total Sulphur (% wt)	X-Ray	0.3 max
Copper Corrosion (3 hr @ 100 °C)	154 / D130	No. 1 Strip max
Kinematic Viscosity @ 38 °C (Cst)	71 / D445	1.6 – 5.5
Cloud Point (°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