

LIGHT DIESEL OIL

LDO is any fuel suitable for burning in diesel or compression ignition engines. Petroleum diesel fuels may be distillates or blends of distillates and residual fuels. It has two main categories such as

1. Boiler LDO
2. Hotmix LDO

Boiler LDO

Sr. No.	Description	Unit	Parameters
1	Appearance		Dark
2	Density @ 15	C'	0.85-0.88
3	Flash Point C'	C'	80 C' - 90 C
4	Moisture Content	by %	0.5 % Max.
5	Color		Dark Brownish Black
6	Carbon Residue	by %	0.2 - 6 %
7	Viscosity-B4 Cup	Seconds	13-14
8	Gross Calorific Value	Kilo Cal./Kg.	10,300
9	Kinematic Viscosity @ 40	C'	2.82
10	Acidity:	by %	0.3
11	Sulphur Content	by %	0.43

Hotmix LDO

Sr. No.	Description	Unit	Parameters
1	Appearance		Dark
2	Density	@	0.88-0.92
3	Flash Point	C'	>30
4	Moisture Content	by %	0.5 % Max.
5	Color		Black
6	Gross Calorific Value	Kilo Cal./Kg.	10,000
7	Carbon Residue	by %	5-6%
8	Acidity:		Nil
9	B-4 Cup sec.		16