

PETRONAS HIGH SPEED DIESEL

SPECIFICATION

No	Test	Method	Specification	Unit	Result
1	Density @ 15°C	ASTM D 4052 - 96 ASTM D 1298 - 99	REPORT REPORT	Kg/L Kg/L	0.8443 -
2	Colour	ASTM D 1300 - 98	25 MAX	-	2.0
3	Distillation @ 90% Recovered	ASTM D 86 - 00a	370 MAX	°C	365.7
4	Kinematic Viscosity @ 40°C	ASTM D 445 - 97	1.5 - 5.8	cSt	4.0 (Typical)
5	Sulphur	ASTM D 2622 - 98 ASTM D 4294 - 03	0.2-0.4 MAX 0.3 MAX	wt% wt%	- 0.3
6	Carbon Residue (10% Residue)	ASTM D 4530 - 00	0.1 MAX	wt%	< 0.1 (Typical)
7	Flash Point	ASTM D 93 - 00	60 MIN	°C	91.0
8	Total Acid Number	ASTM D 974 - 97	0.25 MAX	mgKOH/g	0.1 (Typical)
9	Strong Acid Number	ASTM D 974 - 97	NIL	mgKOH/g	Nil (Typical)
10	Water by Distillation	ASTM D 95 - 99	0.05 MAX	vol %	< 0.05 (Typical)
11	Ash	ASTM D 482 - 00a	0.01 MAX	wt%	0.002 (Typical)
12	Cetane Index	ASTM D 976 - 00	47 MIN	-	55
13	Pour Point	ASTM D 97 - 96a	+15 MAX	°C	+9
14	Sediment by Extraction	ASTM D 473 - 95	0.01 MAX	wt%	< 0.01 (Typical)
15	Copper Corrosion	ASTM D 130 - 94	1 MAX		1a