

Technical Data Sheet

D2

Diesel Fuel

Diesel #2 (or 2-D) is a standard diesel fuel (sometimes called diesel oil). Most diesel vehicles use fuel with a rating of 40 to 55. All diesel automakers specify Diesel #2 for normal driving conditions. Truckers use Diesel #2 to carry heavy loads for long distances at sustained speeds as it is less volatile than Diesel #1 and provides greater fuel economy.

Applications:

Diesel Motor Fuel

Propertise	Test Method	Unit	Result	Min- Max
Appearance	Visual	-	Clear	Clear Min
ASTM Color	ASTM D 1500	-	L 1.5	2 MAX
Ash	ASTM D 482	(m/m)%	<0.001	0.01 Max
MCRT on 10% Distillation Residue	ASTM D4530	(m/m)%	<0.1	0.1 max
Total Acid Number	ASTM D974	Mg KOH/g	0.04	0.1 max
Strong Acid Number	ASTM D974	Mg KOH/g	NIL	NIL max
Cetane Index	ASTM D976	-	50.1	47 Min
Corrosion Copper Strip(3hr/100°C),Classification	ASTM D130	--	1a	1 b max
Total Sediment	ASTM D473	(m/m)%	<0.01	0.01 max
Density @ 15 °c	ASTM D4052	Kg/l	0.8220	0.8200 min
90% Recovered	ASTM D86	°C	319.8	357 max
Flash Point(Proc,A)	ASTM D 93	°c	62.5	62 min
Pour Point	ASTM D 97	°c	-18	-4 max
Cloud Piont	ASTM D 2500	°c	-9	2 max
Cloud Piont	ASTM D 2500	°F	16	46 max
Water & sediment	ASTM D2709	(V/V)%	<0.01	0.05 max
Sulfur Content	ASTM D5453	(m/m)%	0.465	0.500 max
Kinematic Viscosity @ 37.8°C	ASTM D445	mm ² /S	2.060	1.6-5.5