

DYNAMIC DIESEL (Euro 2M)

PROPERTIES	GUARANTEED LEVEL		TEST METHOD
	MINIMUM	MAXIMUM	
Colour (ASTM)	-	2.5	MS 2010/ ASTM D1500/ D6045
Ash, mass %	-	0.01	MS 2013/ ASTM D482
Pour point, °C	-	15	MS 2009/ ASTM D97/ D5950/ D5985/ D5949
Flash point, °C	60	-	MS 686/ ASTM D93
Kinematic viscosity at 40°C, mm ² / s	1.5	5.8	MS 1831/ ASTM D445
Copper corrosion (3 h at 100°C)	-	1	MS 787/ ASTM D130
Water by distillation, vol %	-	0.05	MS 1800/ ASTM D95/ D6304
Sediment by extraction, mass %	-	0.01	MS 790/ ASTM D473
Carbon residue, mass %	-	0.20	MS 962/ ASTM D189/ D4530
Density at 15°C, kg/l	0.810	0.870	MS 1893/ ASTM D1298/ D4052
Acid number, mg KOH/g	-	0.25	MS 2011/ ASTM D664/ D974/D2624
Electrical conductivity, pS/m	50	-	MS 1889/ ASTM D2624
Cetane index	49	-	MS 1890/ ASTM D976/ D4737
or Cetane number	49	-	MS 1895/ D613/ D6890/ IP498
Distillation at 95 %, °C	-	370	MS 563/ ASTM D86
Total sulphur, mg/kg	-	500	MS 1891/ ASTM D4294/ D2622/ D5453
Lubricity, µm	-	460	MS 1892/ ASTM D6079
APPLICATION	PRECAUTION		SPECIFICATION
<p>PETRONAS Dynamic Diesel is a high natural cetane diesel fuel formulated to provide superior injector deposit cleaning performance, better fuel economy, improved power as well as lower exhaust emissions. PETRONAS Dynamic Diesel exceeds Euro 2M requirements and is suitable for all diesel vehicles. The fuel has been tested and proven with highway, city and rural driving conditions on passenger cars, 4x4s, trucks and buses with indirect injection, direct injection, common rail direct injection and turbocharged engines.</p>	<ul style="list-style-type: none"> • May release Hydrogen Sulfide (H₂S) gas which may be fatal if inhaled. • Combustible Hydrogen Sulfide (H₂S) gas may cause irritation to eyes. • Prolonged or repeated skin contact may be harmful. • If swallowed, DO NOT induce vomiting. May cause chemical pneumonitis. 		<p>PETRONAS Dynamic Diesel meets the following specification :</p> <ul style="list-style-type: none"> • SIRIM MS 123:2005