

KEROSENE

In most under-developed countries, kerosene is less expensive than gasoline or diesel and is used as an additive to diesel and also as a common cooking fuel for a very large percentage of the world population.

Khushbu Petro-Chem R & D Centre *Analysis of Petroleum Products & Lubricants*

TEST REPORT						
				ORIGINAL		
TO BIO-MARINE SOLUTION (NZ) LTD. P.O. BOX 15-996 AUCKLAND 0640			SAMPLE SUBMITTED BY PARTY AS Kerosene & Kerosene + New Formula Fuel Stick			
			TEST REPORT NO.: KPC/327/SEP/2008			
			DATE: 15 th September 2008			
SR. NO.	SPECIFICATIONS	Test Method IS:1448	UNITS	TEST RESULTS		STANDARD VALUE BIS:1459
				Kerosene	Kerosene + New Formula Fuel Stick	
1.	Acidity, inorganic	P:2	mgKOH/gm	Nil	Nil	Nil
2.	Burning Quality	P:5				
	a) Char Value		mg/kg of oil consumed	16	13	20 max
	b) Bloom on Glass chimney		---	Grey	Light Grey	Not Darker than Grey
3.	Colour, Saybolt	P:14	---	8	10	10
4.	Copper Strip Corrosion Test for 3 Hrs. @ 50°C	P:15	---	<1a	<1a	Not worse than No.1
5.	Distillation	P:18				
	a) Percent Recovered below 200°C		% by vol	18	18	20 min
	b) Final Boiling Point		°C	285	288	300 max
6.	Flash Point, Abel	P:20	°C	41	45	35 min
7.	Smoke Point	P:31	mm	18	14	18 min
8.	Total Sulphur	P:34	% by mass	0.22	0.18	0.25 max
INTERPRETATION / CONCLUSION:				FOR KHUSHBU PETRO-CHEM R & D CENTRE		
Addition of New Formula Fuel Stick to Kerosene decreases the char value to 3 mg/kg, smoke point to 4 mm, sulphur to 0.04 % by mass & increases flash point upto 4 °C.				<i>[Signature]</i> AUTHORIZED SIGNATORY		
THIS REPORT IS PREPARED IN GOOD FAITH UNDER STANDARD TEST CONDITIONS. THE REPORT OR PART THERE OF MUST NOT BE USED FOR ANY LEGAL MATTER. REGISTRATION NO.: 0401/32623						

The Addition of FUEL STICK will:

REDUCE FLAME SMOKE

RAISE FLASH POINT

REDUCE THE SMOKE POINT

REDUCE SULPHUR

F/1. Celler. Rushabhdev. Nr. Rainagar Bus Stand. Naravannagar Road. Paldi. Ahmedabad - 07.

The overall effect is a hotter flame and a cleaner burn – no soot on the cooking pots and no smell!