



(**Manufacturer & Global Exporter of Oleochemicals**)

Factory : Gandhidham, Gujarat 370 201 – Gujarat

Off : Mahakosh, South Tukoganj, INDORE 452 001-M.P. India

Tel: +91 731 4017 615 (Dir)/25213281 – 84 (B) Extn : 7164 Fax:+91 731 252 7250

Web:www.sunshineoleo.com

Page 1 of 2

PRODUCT SPECIFICATION

PRODUCT NAME : METHYL ESTERS OF MONOCARBOLIC FATTY ACID (BIO DIESEL)

CHEMICAL PROPARTIES	UNIT	SPECIFIC RANGE	Typical result
KINETIC VISCISITY at 40 ' C	cST	2.5 - 6.0	4.5
Water	%	0 - 0.05	0.04
ESTER	% MASS	MIN. 96.5	98.0
ETHANOL	% by mass	0.2 Max.	0.00
SULPHUR	mg/Kg	Max. 50	6
FLASH POINT	'C	Min. 120	175
DENSITY at 25'C	gm/cm3	0.86 - 0.900	0.865
SULPHATED ASH	% by mass	Max. 0.023	0.010
TOTAL CONTAMITATION	mg/kg	Max. 24	5
CARBON RESIDUE, RAMSBOTTM	% by mass	MAX. 0.05	0.01
COPPER STRIP CORROSION TEST FOR 3HRS. AT 50'C	--	CLASS 1	< 1a
ACID VALUE	Mg KOH/g	Max. 0.50	0.40
CETEN NUMBER	--	Max. 50	45
NA + K	Mg / Kg	To report	2
CA + MG	Mg / Kg	To report	1
Higher Calorific Value	K Cal / Kg.	-	9813
Dist. Temp. (90 %)	' C	-	329
Phosphorous	MG/KG	MAX 10	1
Free Glycerol	% Mass	Max. 0.02	Nil
Total Glycerol	% Mass	Max. 0.25	Nil



(*Manufacturer & Global Exporter of Oleochemicals*)

Factory : Gandhidham, Gujarat 370 201 – Gujarat

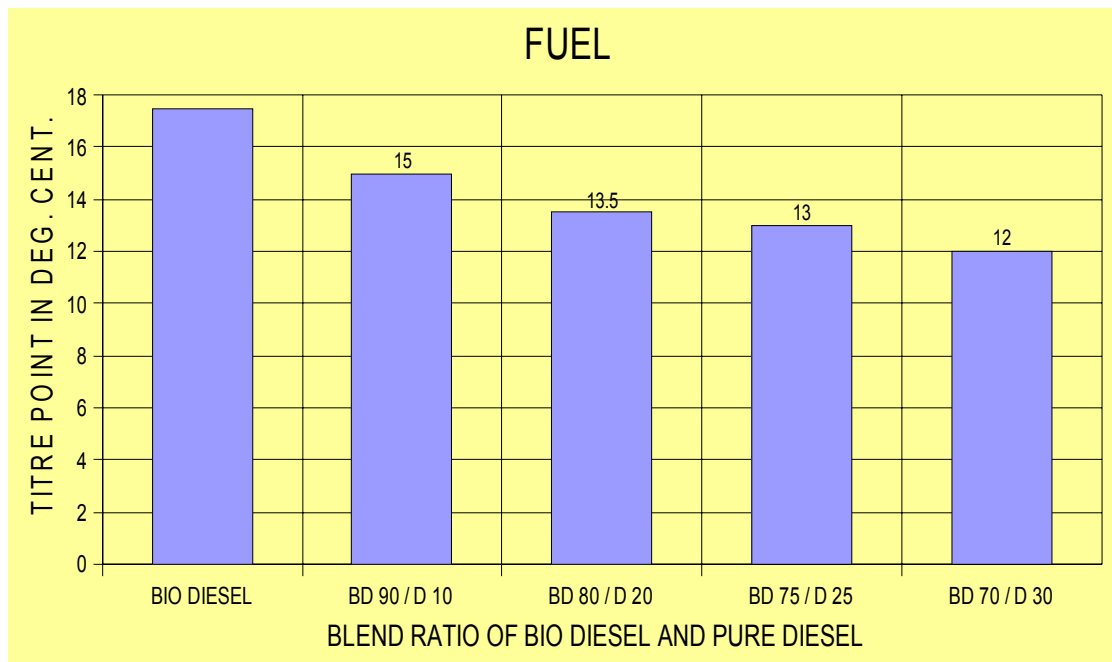
Off : Mahakosh, South Tukoganj, INDORE 452 001-M.P. India

Tel: +91 731 4017 615 (Dir)/25213281 – 84 (B) Extn : 7164 Fax:+91 731 252 7250

Web:www.sunshineoleo.com

BLEND RATIO OF BIO DIESEL & PURE DIESEL

DETAILS	TITRE
BIO DIESEL	17.5
BD 90 / D 10	15
BD 80 / D 20	13.5
BD 75 / D 25	13
BD 70 / D 30	12



PURE DIESEL (D) MEANS PETROLEUM DIESEL