

2. Biosolar CN48 (B40)

SPECIFICATION

	Min.	Max.	Test Method	Unit
CETANE NUMBER	49	-	ASTM D613	
DENSITY (15°)	815	880	ASTDM D1298	Kg/m³
VISCOSITY (40°)	2.0	5.0	ASTM D445	mm²/dt
SULFUR CONTENT	-	0.25	ASTM D4294	%m/m
	-	0.05 ¹⁾	D5453	%m/m
	-	0.005 ²⁾	D2622	%m/m
DISTILLATION (90%)	-	370	ASTM D86	°C
BURNING POINT	52	-	ASTM D93	°C
POUR POINT	18	-	ASTM D97	°C
RESIDUE CARBON	-	0.1	ASTM D189 / D4530	%m/m
WATER CONTENT	-	400	ASTM D6304 / mg/kg	
FAME CONTENT	40 ³⁾		ASTM D7806 / D7371	% v/v
COPPER STRIP (CORROSION)	-	kelas 1	ASTM D130	kelas
ASH CONTENT	-	0.01	ASTM D482	%m/m
SEDIMENT	-	0.01	ASTM D473	%m/m
ACID NUMBER	0		ASTM D664	mg KOH/g
TOTALACID NUMBER	-	0.6	ASTM D664	mg KOH/g
VISUAL	JERNIH TERANG		VISUAL	
COLOUR	No. ASTM	3	ASTM D1500	mg/kg
LUBRICITY	-	460 ⁴⁾	ASTM D6079	micron
OXIDATION STABILITY	35	-	EN 15751	hour
	45	-	ASTM D7545 / EN 16091	minute

CN48
B40

PRODUCT



CN 48 B40 is diesel fuel by mixing fossil oil (diesel) with Fatty Acid Methyl Ester (FAME) or vegetable oil with 60% of diesel oil and 40% of Fame. This fuel is used in high speed engines.

CN 48 B40 merupakan bahan bakar solar dengan mencampurkan minyak fosil (solar) dengan Fatty Acid Methyl Ester (FAME) atau minyak nabati dengan 60 % minyak solar dan 40 % Fame. Bahan bakar ini digunakan pada mesin berkecepatan tinggi.