



ISO 9001:2008 CERTIFIED

TINYTECH UDYOG

Rajkot City, India.
Email: tinytech@oil-refinery.com

ANALYSIS VALUES FOR SOME OF THE STANDARD OIL TYPES

<i>Sr. No.</i>	<i>Type of Oil</i>	<i>% Oil Content in Seed</i>	<i>Specific Gravity</i>	<i>Saponification Value</i>	<i>Iodine Value</i>	<i>Melting Point TITRE°C</i>
1	Castor Oil	45-50	0.945-0.965/25°C	177-187 OH-160	83-86	3
2	Coconut Oil	60-65	0.917-0.919/25°C	251-263	7.5-10.5	20-24
3	Corn Germ Oil (Maize)	42-45	0.915-0.920/25°C	187-193	103-128	14-21
4	Cottonseed Oil	13-18	0.915-0.926/15°C	191-196	103-115	32-38
5	Groundnut Oil (Peanut)	42-48	0.910-0.915/25°C	188-195	84-100	26-32
6	Hemp Seed Oil	30-35	0.923-0.925/25°C	190-193	140-175	15-17
7	Jatropha Oil	30-40	0.918-0.923/15°C	191-202	82-98	31
8	Jjoba Oil	45-50	0.8635-0.8640/25°C	92-167	82-89	11-12
9	Karanja Seed Oil	25-32	0.936-0.937/15°C	180-190	81-90	30-31
10	Kokum Seed Oil (Butter)	27-35	0.895/40°C	187-192	25-38	39-43
11	Linseed Oil (Flaxseed)	38-42	0.931-0.938/15°C	189-196	170-180	19-21
12	Mustard Oil (Rapeseed)	32-38	0.906-0.910/25°C	169-176	98-110	11-15
13	Neem Kernel Oil	30-40	0.915-0.922/30°C	175-200	65-80	34-36
14	Niger Seed Oil	30-45	0.917-0.920/30°C	189-193	125-135	NA
15	Olive Oil	45-70	0.909-0.919/25°C	187-196	79-90	17-26
16	Palm Kernel Oil	30-40	0.886-0.873/99°C	245-255	14-22	23-26

17	Palm Oil	20-30	0.921-0.925/15°C	196-205	48-58	42-45
18	Rice Bran Oil	12-17	0.916-0.921/25°C	181-188	90-108	24-28
19	Safflower Oil	22-35	0.919-0.924/25°C	188-194	140-150	15-18
20	Sesame Oil	45-54	0.916-0.921/25°C	188-195	103-116	21-24
21	Soyabean Oil	15-20	0.916-0.922/25°C	189-195	128-143	22-27
22	Sunflower Oil	25-35	0.915-0.919/25°C	188-194	125-140	16-20
23	Wheat Germ Oil	8-14	0.925-0.933/25°C	179-190	115-129	NA

**Above is for reference purpose only.*