

YUNITCO
YANBU UNITED CO.



Yanbu United Company For Trading and Industry (**YUNITCO**) is the largest plant for producing Re-Refined Base Oil in the Middle East and North Africa and is the second largest manufacturer In the world, with annual production capacity of 180,00 MT of Re-Refined Base Oil.

YUNITCO is located in Yanbu in Saudi Arabia and produce high quality Re-Refined Base Oil using the latest re-refining technologies and Export its products to more than 20 countries In Asia, Africa and Europe.

Base Oil Grades Produced:

- SN 70
- SN 100
- SN 150
- SN 300
- SN 500



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(For Trading & Industry Ltd)

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SN 150 TECHNICAL SPECIFICATIONS:

SN	Property	Method	Units	Min	Max	Typical
1	Appearance	Visual	-			Clear & Bright
2	Density @15c	ASTM D 1298	Kg/L	0.850	0.860	0.860
3	Color	ASTM D 1500	-	L2.0	L2.5	L2.0
4	Kinematic Viscosity @40c	ASTM D 445	cSt	28	32	31
5	Kinematic Viscosity @100c	ASTM D 445	cSt	5.20	5.80	5.60
6	Viscosity Index	ASTM D 2270	-	94	96	95
7	Flash Point, COC	ASTM D 92	°C	190	206	200
8	Flash Point, PMCC	ASTM D 93	°C	180	196	190
9	Pour Point	ASTM D97	°C	-5	-7	-6
10	Carbon Residue	ASTM D 4530	%wt		0.05	0.04
11	Neutralization No.	ASTM D 974	mgKOH/gm		0.05	0.04
12	Sulphur Content	ASTM D 4294	%wt	0.16	0.25	0.18
13	Total Chlorine	ASTM D 4929	mg/kg		2	2
14	Water & Sediments	ASTM D 6304	mg/kg		0.01	0.01
15	Acid Number	ASTM D 664	mgKOH/gm		0.02	0.02
16	Ash Content	ASTM D 482	%wt		0.006	0.006
17	Copper Corrosion 3Hrs @ 100 °C	ASTM D 130	-			1A
18	Glycol	ASTM D 4291	mg/kg			<10
19	CCS @-20c	ASTM D 5293	mPa.S			1925

SN 300 TECHNICAL SPECIFICATIONS:

SN	Property	Method	Units	Min	Max	Typical
1	Appearance	Visual	-			Clear & Bright
2	Density @15c	ASTM D 1298	Kg/L	0.860	0.870	0.865
3	Color	ASTM D 1500	-	L2.0	L2.5	L2.5
4	Kinematic Viscosity @40c	ASTM D 445	cSt	38	42	40
5	Kinematic Viscosity @100c	ASTM D 445	cSt	5.40	5.80	5.60
6	Viscosity Index	ASTM D 2270	-	94	96	95
7	Flash Point, COC	ASTM D 92	°C	205	215	210
8	Flash Point, PMCC	ASTM D 93	°C	196	210	205
9	Pour Point	ASTM D97	°C	-6	-10	-8
10	Carbon Residue	ASTM D 4530	%wt		0.05	0.04
11	Neutralization No.	ASTM D 974	mgKOH/gm		0.05	0.04
12	Sulphur Content	ASTM D 4294	%wt	0.16	0.25	0.18
13	Total Chlorine	ASTM D 4929	mg/kg		2	2
14	Water & Sediments	ASTM D 6304	mg/kg		0.01	0.01
15	Acid Number	ASTM D 664	mgKOH/gm		0.02	0.02
16	Ash Content	ASTM D 482	%wt		0.006	0.006
17	Copper Corrosion 3Hrs @ 100 °C	ASTM D 130	-			1A
18	Glycol	ASTM D 4291	mg/kg			<10
19	CCS @-20c	ASTM D 5293	mPa.S			1925

SN 500 TECHNICAL SPECIFICATIONS:

SN	Property	Method	Units	Min	Max	Typical
1	Appearance	Visual	-			Clear & Bright
2	Density @15c	ASTM D 1298	Kg/L	0.873	0.877	0.875
3	Color	ASTM D 1500	-	L2.5	L3.0	L3.0
4	Kinematic Viscosity @40c	ASTM D 445	cSt	70	75	73
5	Kinematic Viscosity @100c	ASTM D 445	cSt	9.4	10.5	9.6
6	Viscosity Index	ASTM D 2270	-	105	107	106
7	Flash Point, COC	ASTM D 92	°C	240	260	248
8	Flash Point, PMCC	ASTM D 93	°C	230	250	240
9	Pour Point	ASTM D97	°C	-10	-13	-12
10	Micro Carbon Residue	ASTM D 4530	%wt		0.05	0.04
11	Neutralization No.	ASTM D 974	mgKOH/gm		0.05	0.04
12	Sulphur Content	ASTM D 4294	%wt	0.16	0.25	0.18
13	Total Chlorine	ASTM D 4929	mg/kg		2	2
14	Water & Sediments	ASTM D 6304	mg/kg		0.01	0.01
15	Acid Number	ASTM D 664	mgKOH/gm		0.02	0.02
16	Ash Content	ASTM D 482	%wt		0.006	0.006
17	Copper Corrosion 3Hrs @ 100 °C	ASTM D 130	-			1A
18	Glycol	ASTM D 4291	mg/kg			<10
19	CCS @-20c	ASTM D 5293	mPa.S			1925