

Base Oil



Virgin Base Oil:

Virgin base oil is an oil that is used for lubrication and is prepared using the additives required for that main lubricant. It can also be said that one of the most important and best components of lubricants in terms of volume is base oil

Royal Global Energy

Recycled Base Oil:

Recycled base oil is obtained from the refining used oil in the factories. In the recycled base oil production process, the impurity and pollution is removed from the used oil. Then the final product can be used as a new fresh lubricant for industrial equipment lubrication.

Packing:

Drums



Flexi Tank



Iso Tank



TYPICAL SPECIFICATIONS Virgin Base Oil

Base Oil SN 600

Test	Method	Unit	Result
Kinematic Viscosity @100C	ASTM D 445	CST	12.5
Kinematic Viscosity @400C	ASTM D 445	CST	127.9
Viscosity Index	ASTM D 2270	-	87
Sulfur Content	ASTM D 4294	%mass	0.761
Flash Point	ASTM D 92	C	262
Color	ASTM D 1500	-	L 3.0
Density@15C	ASTM D 1293	Kg/L	0.0893
Water Content	ASTM D 6304	Ppm	52
Pour Point	ASTM D 97	C	-6
Acid Number	ASTM D 974	MgKOH/gm	0.02

BASE OIL SN150

Test items	Test Method	Test Results
Appearance	Visual	Bright & Clear
Colour	ASTM D 1500	1.5 – 2.5
Density @ 30 C	ASTM D 1298	0.870
Kinematic Viscosity @ 40C	ASTM D 445	30.0 – 31.54
Kinematic Viscosity @ 100 C	ASTM D 445	5.0 – 5.5
Viscosity Index	ASTM D 2270	90 – 92
Flash Point , C	ASTM D 92	180 – 190
Pour Point , C	ASTM D 97	-3 to -6

BASE OIL SN500

PARAMETERS	METHOD	UNITS	GUARANTEED	TYPICAL
Kinematicviscosityat100°C	ASTM0445	mm ² /s	10,00-11,50	10,42
Kinematicviscosityat40°C	ASTMD445	mm ² /s	-	90,76
Viscosity index	ASTMD227	-	Min95	96
Density at 15°C	ASTM04052-18(A)	g/cm ³	—	0,877
Water content	ASTMD6304-16el(A)	mg/kg	Max100	12
Pourpoint	ASTMD97	°C	Max-9	-9
Flash point COC	ASTMD92	DC	Min245	272
Appearance	Visual	—	Transparent,without any suspension	
Acid number	ASTMD664-17a	mgKOH/g	Max0,05	0,015
Evaporation loss NOACK	DIN51581	%(m/m)	—	2,5
Color	ASTMD1500-12(2017)	-	2.2	1,0

TYPICAL SPECIFICATIONS

Recycle Base Oil

Recycle Base Oil SN 500

Specifications	Min	Max	Method
Viscosity @100°C	8.5	10	ASTM D-445
Viscosity @40°C	35	55	ASTM D-445
Viscosity Index	100	115	ASTM D-2270
Flash Point	220	240	ASTM D-92
Pour Point	0	-3	ASTM D-97
Total Acid Number	0	0.03	ASTM D-664
Color	1.5	2.5	ASTM D-1500
Density	0.868	0.890	ASTM D-1298

Recycle Base Oil SN 300

Specifications	Min	Max	Method
Viscosity @100°C	7	9.5	ASTM D-445
Viscosity @40°C	35	55	ASTM D-445
Viscosity Index	90	110	ASTM D-2270
Flash Point	200	210	ASTM D-92
Pour Point	0	-3	ASTM D-97
Total Acid Number	0	0.03	ASTM D-664
Color	1.5	2.5	ASTM D-1500
Density	0.868	0.895	ASTM D-1298

Recycle Base Oil SN 150

Specifications	Min	Max	Method
Viscosity @100°C	5.5	7	ASTM D-445
Viscosity @40°C	35	55	ASTM D-445
Viscosity Index	100	110	ASTM D-2270
Flash Point	170	185	ASTM D-92
Pour Point	0	-3	ASTM D-97
Total Acid Number	0	0.03	ASTM D-664
Color	1.5	2.5	ASTM D-1500
Density	0.868	0.874	ASTM D-1298



RGE's core business Oil, Gas, Refining and Petrochemicals



<p>Container Shipment:</p> <p>Minimum Order:- 5 CNTRs</p>	<p>Bulk Shipment:</p> <p>Minimum Order:- 2 KT</p> <p>Maximum Order:- 5 KT</p>
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