



CHEMICAL MINE WORLD LTD.

Oil Refiner of Petroleum Products

VIRGIN BASE OIL

COD: I

Base Oil SN150

Appearance	Specification
SP.G.@ 15 °C	0.8700 - 0.8800
Color	2.0 Max
P.PT°C	-9 Max
FL.PT°C	190 Min
K.V @ 40°C	To be reported
K.V @ 100°C	5.0-6.5
VI	95 Min

Base Oil SN500

Appearance	Specification
Density @ 15°C	883
K.V @ 100°C	10.80 CST
K.V @ 40°C	87.5 CST
VI	90
FL.PT°C	246°C
P.PT	-60°C
Colour	1

Base Oil SN600

Appearance	Specification
SP.G.@ 15.5°C	0.8850 - 0.8950
Color	3.0 Max
P.PT°C	-3 Max
FL.PT°C	225 Min
K.V @ 40°C	To be reported
K.V @ 100°C	12.5-13.5
VI	90 Min

Base Oil SN600

Appearance	Specification
SP.G.@15°C	0.8850 - 0.8950
Color	4.0 Max
P.PT°C	0 Max
FL.PT°C	225 Min
K.V @ 40°C	To be reported
K.V @ 100°C	12.5-13.5
VI	88 Min

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CODE: B

Specifications		Base Oil SN150			Base Oil SN500			Method
		Min.	Typ.	Max.	Min.	Typ.	Max.	
Kinematic Viscosity @ 40 °C	cSt	-	38	-	-	96	-	ASTM D-445
Kinematic Viscosity @ 100 °C	cSt	4.6	-	5.6	10.2	-	11.5	ASTM D-445
Viscosity Index		100	-	-	95	-	-	ASTM D-2270
Flash Point (COC)	°C	190	-	-	230	-	-	ASTM D-92
Pour Point	°C	-	-	-6	-	-	-6	ASTM D-97
Carbon residue (Conradson)	Wt%	-	0.06	-	-	0.08	0.15	ASTM D-189
Total Acid Number	mgKOH/g	-	-	0.05	-	-	0.05	ASTM D-664
Demulsibility		-	Pass	-	-	Pass	-	ASTM D-1401
Sulfur Content	Wt%	0.15	-	0.6	-	0.7	-	ASTM D-1552
Color		-	0.5	1	-	2.5	-	ASTM D-1500
Density @ 15 °C	Kg/m ³	-	875	-	-	885	-	ASTM D-1298
Copper Corrosion (3 hrs @ 100 °C)		-	-	1A	-	Nil	-	ASTM D-130
Foam	ml	-	Nil	-	-	Nil	-	ASTM D-892



CHEMICAL MINE WORLD LTD.

Oil Refiner of Petroleum Products

Recycled Base Oil

Physical Properties	Base Oil SN-500	Base Oil SN-150
SP.Gr @ 60/60° f approx	0.8900	0.8600
Flash Point	Min 210	Min 180
Asphaltenes wt% (Max)	0.06	0.06
KIN. Vis. @ 100° (Min)	9	4
Water Cont. Vol% (Max)	Negative	Negative
Color (Max)	3	2.5
Pour Point °C (Max)	0	-3
Viscosity Index (Min)	103	90



BASE OIL

Recycle & Virgin

SN-150 & SN-500