



## GROUP I BASE OILS

### PRODUCT DESCRIPTION:

Premium quality group I base stocks well suited for industrial, heavy-duty and marine applications that value high viscosity and solvency. The product line is designed to offer broad blending coverage with performance capabilities in applications ranging from engine oils to industrial lubricants.

PROPERTIES	TEST METHOD	SN 150	SN 300	SN 500	SN 600	SN 900	BS 150
Kinematic Viscosity @ 212°F /100°C, cSt	ASTM D-7042	5.0 - 5.7	6.5-8.0	10.3 - 11.7	11.6-13.5	19.0-22.0	29.0-34.0
Kinematic Viscosity @ 104°F /40°C, cSt	ASTM D-7042	Report	report	report	report	Report	report
Viscosity Index	ASTM D-2270	min 89	min 89	min 89	min 90	min 90	min 90
SP. Gravity @15°C/ 60°F, g/cm 3	ASTM D-4052	report	report	report	report	report	report
Flash Point, °C	ASTM D-92	min 200	min 210	min 230	min 240	min 260	min 280
Pour Point, °C	ASTM D-97	max (-3)	max (-3)	max (-3)	max (-6)	max (-6)	max (-3)
Color	ASTM D-1500	max 2.5	max 2.5	max 2.5	max 4.0	max 5.5	max 5.5
Water, ppm	ASTM D-6304	<90	<50	<90	<90	<90	<90
Acid Number, mgKOH/gm	ASTM D-664	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Noack Volatility ,Wt. %	ASTM D 5800(B)	<20	max 13	<5	<8.0	<3.0	<1.5
Cold Cranking Viscosity, mPa.s	ASTM D 5293	<3500 at (-) 20	<5000 at (-) 10	<8000 at (-) 10	-	-	-

**DISCLAIMER:** The test data provided above is not a specification but is indicative and may vary within permissible production tolerances. Lubrex reserves the right to modify this test data. Updated information will supersede previous versions, so please refer to the latest version of this Technical Data Sheet (TDS).

### HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website [www.lubrex.net](http://www.lubrex.net)

### HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet [www.lubrex.net](http://www.lubrex.net)

### PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

### STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

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