

Product Data Sheet

BASE OIL SN

SOLVENT REFINED GROUP I BASE OILS

May 2009



SN baseoils are the Imperial Oil line of solvent refined Group I paraffinic base oils. These oils are characterized by:

- ◆ **Low volatility and odour**
- ◆ **Light colour**
- ◆ **Good solubility characteristics**
- ◆ **Good oxidation and colour stability**
- ◆ **High viscosity index**

Primary Applications

The Base Oil SN product line consists of solvent refined paraffinic oils that are processed to meet specific targets for saturates and sulphur contents. This ensures good solubility characteristics for additives in product formulations and good antioxidant properties for high temperature applications. These base oils also have high VI and low pour points for good low temperature performance.

Precautions

All base oils in the BASE OIL SN product line are fully refined paraffinic products. As with all petroleum products, good personal hygiene and careful handling should always be practiced. Please refer to the Material Safety Data Sheet for additional information.

Note: These products are not controlled under Canadian WHMIS legislation.

Typical Properties

Base Oil	SN 150	SN 500	SN 1400	SN 2400
Appearance	Bright & Clear	Bright & Clear	Bright & Clear	Bright & Clear
Colour – ASTM	<0.5	1.0	<2.5	<4.0
Density, 15°C, kg/m ³	868.6	880.9	892.5	901.8
Flash Point, COC, °C	219	270	303	319
Pour Point, °C	-15	-6	0	-6
Viscosity, CCS, cp Temp. °C	2010 -20	5630 -10		
Viscosity, Kinematic, cst, 100°C	5.15	11.6	20.8	31.7
Viscosity, Kinematic, cst, 40°C	30.3	108	270	483
Viscosity Index	97	94	90	96
Noack Volatility, wt %	19			

The values shown above are representative of current production. Some are controlled by manufacturing and performance specifications while others are not. All may vary within modest ranges.