



PREMIUM QUALITY SYNTHETIC BEARING AND BEAR OILS NON-EXTREME PRESSURE (GROUP IV)

**DESCRIPTION**:

**SenSyn NEP Oils,** formulated with the highest quality synthetic (PAO) hydrocarbons, are blended for the lubrication of bearings and gears operating under severe conditions.

Available in ISO Grades 150 - 220 - 320 - 460.

## **BENEFITS** :

- High Performance Lubrication
- o Increased Equipment Life
- Lower Maintenance Costs
- o Outstanding Rust and Corrosion Protection
- Excellent Water Separation Properties
- Entirely compatible with elastomers, gaskets, seals and paints normally used in systems designed for use with conventional mineral oils.

## **APPLICATIONS :**

- Oil circulation systems
- o Moderately loaded plain or roller bearings
- o Recommended for "sealed-for-life" systems
- Enclosed and lightly loaded industrial reduction gear systems subjected to severe operating conditions, such as high temperatures, wide temperature variations and long oil servicing intervals.

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7300 St-Jacques, Montreal, Quebec, Canada H4B 1W1 Tel.: 514-483-6500 / 1-800-361-2517 Fax: 514-483-3284 E-mail: <u>sentinel@sentinelcanada.com</u>

The information contained herein is to the best of our knowledge, true and exact, but all recommendations are made without guaranty because the conditions of their use is beyond the control of Sentinel Canada. We deny any responsibility resulting from the use of these products.



## SenSyn NEP

TYPICAL PROPERTIES	ASTM TEST METHODS				
ISO Viscosity Grade		150	220	320	460
Density @ 15°C, kg/m <sup>3</sup>	D-1298	848	853	855	855
Viscosity, mm 2/s	D-445				
@ 40 <sup>o</sup> C		153	222	320	458
@ 100 <sup>0</sup> C		19.8	25.9	41.3	45.5
Viscosity Index	D-2270	149	149	151	155
Pour Point, <sup>0</sup> C	D-97	-54	-48	-45	-42
Flash Point, <sup>0</sup> C	D-92	236	240	274	274
Weld Point, kg	D-2783	210	210	210	210
Rust Test	D-665B	Pass	Pass	Pass	Pass
Channel Point, °C		<-50	<-50	<-50	<-50
Foam Test, Seq.I, Seq.II, Seq.III	D-892	0/0	0/0	0/0	0/0
FZG Test, Pass Stage	CEC L 07 A95	12	12	12	12
Demulsibility @ 82°C	D-1401	43/37/	43/37/	43/37/	43/37/
Oil/Water/Emulsion (minutes)		0(10)	0(10)	0(10)	0(10)
Copper Corrosion	D-130				
3 hours @ 100oC		1A	1A	1A	1A
3 hours @ 150oC		2C	2C	2C	2C

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