

# SenSyn NEP

**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
- Increased Equipment Life
- Lower Maintenance Costs
- 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
- Moderately loaded plain or roller bearings
- 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.



# SenSyn NEP

<u>TYPICAL PROPERTIES</u>	<u>ASTM TEST METHODS</u>				
ISO Viscosity Grade		<b>150</b>	<b>220</b>	<b>320</b>	<b>460</b>
Density @ 15°C, kg/m <sup>3</sup>	D-1298	848	853	855	855
Viscosity, mm 2/s	D-445				
@ 40 °C		153	222	320	458
@ 100 °C		19.8	25.9	41.3	45.5
Viscosity Index	D-2270	149	149	151	155
Pour Point, °C	D-97	-54	-48	-45	-42
Flash Point, °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 Oil/Water/Emulsion (minutes)	D-1401	43/37/ 0(10)	43/37/ 0(10)	43/37/ 0(10)	43/37/ 0(10)
Copper Corrosion	D-130				
3 hours @ 100oC		1A	1A	1A	1A
3 hours @ 150oC		2C	2C	2C	2C