

# GRAVIS SP-X SERIES

## New Technology High Performance Industrial Gear Oil

### Description

Petrol Ofisi Gravis SP-X series are new technology high performance synthetic gear lubricants. They protect gear systems and extend equipment life even under extremely severe service conditions.

### Applications

It is recommended particularly for roll bearings operating under elevated temperatures, spur, helical and bevel gears, as well as enclosed gear-boxes containing any type of gear.

### Benefits

- Prevents gear surface from scuffing, micropitting and gear tooth breaking.
- Extends service life for bearings on gears and in gearboxes.
- Reduces energy consumption and start up corrosion by lowering temperature.
- Ability to operate at both high and low temperatures in a wide range.
- Excellent oxidation resistance due to their synthetic structure.
- Reduces maintenance costs and increases operation efficiency.
- Excellent protection against rust and corrosion even under extreme conditions.
- Usable for any type of gear system due to its high viscosity index.

### Performance

AIST 224 (US Steel 224) IEC 61400-4, ANSI/AGMA 9005-E02, DIN 51517 Part 3, Flender Revision 16, Hansen Oil HP1/ HP2/HPP/I4/P4 & M4ACC, ISO 12925-1 (CKD)

### Typical Specifications\*

ISO Viscosity Grade		150	220	320	460	680
Viscosity, 40 °C, mm <sup>2</sup> /s	ASTM D445	150	220	320	460	680
Viscosity, 100 °C, mm <sup>2</sup> /s		20	30	40	50	60
Viscosity Index	ASTM D2270	160	160	160	160	160
Pour Point, °C	ASTM D97	<-30	<-30	<-30	<-30	<-30

\* Values shown may differ between productions.



**Petrol Ofisi**