

# GRAVIS SP SERIES

## High Performance Synthetic Industrial Gear Oil

### Description

Petrol Ofisi Gravis SP series are 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

- They provide a service life of 20.000 hours or four years under average oil temperature of 80 °C.
- 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

AGMA 9005-E02, AIST 224, Cincinnati P-74, David Brown S1.53.106, DIN 51517 Part 3, Flender Revision 15 (approval), SEB 181226

### Typical Specifications\*

ISO Viscosity Grade		100	150	220	320	460	680
Density, 15 °C, kg/liter	ASTM D4052	0,850	0,858	0,860	0,862	0,863	0,860
Flash Point, COC, °C	ASTM D92	240	244	250	254	258	264
Viscosity, 40 °C, mm <sup>2</sup> /s	ASTM D445	100	150	220	320	460	680
Viscosity, 100 °C, mm <sup>2</sup> /s		14,25	19,30	25,40	34,50	46,80	77,50
Viscosity Index	ASTM D2270	>165	>165	>165	>165	>165	>165
Pour Point, °C	ASTM D97	-45	-42	-42	-39	-36	-27

\* Values shown may differ between productions.

