



# POWERTRANS SP

## Extreme Pressure Industrial Gear Oil

### Specification and Approvals

ISO VG 68 / 100 / 150 / 220 / 320 / 460 / 680 / 800 / 1000  
DIN 51517 Part 3; AGMA 250.04; US Steel 224

### Description

MOGAS Powertrans SP has been developed to meet the widest range of requirements of EP (Extreme Pressure) lubrication such as industrial gear oils operating under severe duty. The oils are formulated from mineral base stocks and additives such as sulfur compounds and phosphorus compounds. The package ensures that MOGAS Powertrans SP satisfies the widest range of operational requirements.

### Features and Benefits

- ◆ Thermal and oxidation stability permitting continuous use at temperatures as high as 100°C.
- ◆ High demulsibility for rapid water separation.
- ◆ Excellent corrosion protection.
- ◆ Good anti-wear and EP properties.
- ◆ Long operating life.

### Applications

Powertrans SP oils are recommended for lubrication of all types of industrial gears especially where operating conditions involve heavy loads, high pressure, high speed and high relative sliding velocities at elevated ambient and operating temperatures.

### Typical Properties

Test Parameters	Test Method	68	100	150	220	320	460	680	1000
Grade ISO		68	100	150	220	320	460	680	1000
Viscosity @ 40°C mm <sup>2</sup> /s	ASTM D 445	68	100	150	220	320	445	646	990
Viscosity @ 100°C mm <sup>2</sup> /s	ASTM D 445	8.7	11.4	15.0	19.4	25.0	31.0	39.5	52.5
Viscosity Index	ASTM D2270	99	100	100	100	100	100	100	100
Timken OK Load Kg	ASTM D2509	27	27	27	27	27	27	27	27
Pour Point °C	ASTM D 97	-27	-27	-21	-18	-15	-9	-9	-12
Flash point (COC) °C	ASTM D 92	220	220	240	245	245	250	260	260
Density @ 20°C kg/l	ASTM D4052	0.887	0.891	0.897	0.899	0.903	0.904	0.912	0.931

The typical characteristics mentioned represent mean values

### Health and Safety

This product used as per our recommendation for the intended application is not expected to produce any particular risk. A safety data sheet of it is available upon request from our sales contact office or on our website. In case of used oil disposal, please respect the Regulations to protect the environment.