

Technical Data Sheet

MOGAS POWERTRANS SP SERIES

INDUSTRIAL GEAR OILS



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 minerals base stocks and additives such as sulfur compounds and phosphorus compounds. The package ensures that the MOGAS Powertrans SP ISO series satisfy the widest range of operational requirements

Application:

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

Specification and Approvals:

DIN 51517 Part 3

ISO VG 68 /100 /150 /220 /320 /460 /680

ISO 12925-1 CKC/CKD

AGMA 9005-E02

U.S. Steel 224

Benefits:

- Thermal and oxidation stability permitting continuous use at high temperatures
- Superior demulsibility for rapid water separation
- Excellent corrosion protection
- Good anti-wear and protection
- Long operating life

Health, Safety and Environment:

This product, when used as per our recommendation for the intended application, is not expected to produce any particular risk. A Material Safety Data Sheet of it is available upon request from our local sales contact office or on our website. In case of used oil disposal, please respect the Regulations for protecting the environment.

Typical Properties:

Test Parameters	Units	Test Method	Mean Values	Mean Values	Mean Values	Mean Values	Mean Values	Mean Values	Mean Values
Type	-	-	SP 68	SP 100	SP 150	SP 220	SP 320	SP 460	SP 680
ISO VG Grade			68	100	150	220	320	460	680
Viscosity at 40°C	mm ² /s	ASTM D 445	68	100	150	220	320	460	672
Viscosity at 100°C	mm ² /s	ASTM D 445	8.8	11.2	14.5	18.70	23.9	30.3	39.76
Viscosity Index	-	ASTM D 2270	102	97	95	95	95	95	97
Pour Point	°C	ASTM D 97	-24	-21	-21	-21	-21	-18	-18
Flash Point (COC)	°C	ASTM D 92	220	230	232	236	256	258	258
Density at 20°C	Kg/m ³	ASTM D 4052	845	878	886	889	892	910	910