



# PRODUCT INFORMATION

FROM THE HOUSE OF PETRELPLUS INC.

## STANPLUS SSEP 100, 220, 320, 460,680

Semi Synthetic Extreme Pressure Gear Oil

**STANPLUS SSEP** lubricants are a family of industrial extra extreme pressure gear lubricants. They are formulated with high quality mineral oils, which help reduce sludge formation helping to increase oil service life. Stanplus SSEP oils contain a sulphur / phosphorus extreme pressure additive system that gives high load carrying ability and protection against wear. In addition these oils provide strong protection against corrosion of steel and copper containing alloys and resist foaming. Stanplus SSEP oils have good water handling properties so that water rapidly separates from the oil for easy water elimination.

Stanplus SSEP oils can be used in either splash or circulating systems. Stanplus SSEP gear oils are suitable for use wherever industrial gear oil is required. These are suitable for the lubrication of heavily loaded enclosed gear sets including **Recommended For: Liner Polish Machine, Gantry Crane, Multi Blade Cutter Machine And Epoxy Resin Line**

Spur, helical and bevel designs and provide protection in applications where shock loading occurs. Stanplus SSEP may also be used in worm gears where specified. They may also be used for lubrication of plain bearings, and in rolling contact (anti-friction) bearings.

### BENEFITS

- **Excellent Demulsibility To Ease Water Resistance**
- EP wear protection of gears and bearings
- Resistance to sludge formation leads to outstanding system cleanliness
- Very good oxidation resistance for long oil charge life

### APPLICATIONS

Stanplus SSEP gear oils are used in a wide range of industrial spur, helical, bevel steel-on-steel worm gearing and Extra Extreme Pressure Heavy Load Gear Boxes.

### PERFORMANCE STANDARD

DIN-51517 PART-3, ISO-12925-1 CKD, AGMA 9005-E02, API GL-5, IS: 8406:1993, MIL-L-2105

### TYPICAL PROPERTIES

Characteristics	Test Method	100	220	320	460	680
Appearance	Visual	Bright & clear	Bright & clear	Bright & clear	Bright & clear	Bright & clear
Color	ASTM D1500	L3.0	L3.0	L3.0	L3.0	L3.0
Density,gm/cm <sup>3</sup> , @29.5 °C	ASTM D4052	0.8801	0.8852	0.8845	0.8949	0.8939
Kinematic Viscosity,cst@40° C	ASTM D445	106.28	216.76	322.28	477.76	675.65
Kinematic Viscosity,cst@100°C	ASTM D445	12.73	19.95	26.57	32.85	47.05
Viscosity Index	ASTM D2270	114	106	109	101	119
Flash Point, COC, °C	ASTM D92	250	272	270	278	300
Pour Point, °C.	ASTM D97	-21	-15	-15	-12	-12

FZG Test, pass stages		12	12	12	12	12
Rust Test,24 hrs	D -665 A&B	Pass	Pass	Pass	Pass	Pass
Timken OK Load,Kg		70	70	70	70	70

**Available Packs: 20, 50, 210 Ltr.**

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly.

The Material Safety Data Sheet (MSDS) are available upon request through our sales office

All related specifications are meets or exceeds

**PETRELPLUS INC.**

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