



# UNITED UNIGEAR SP

## Product Description

**Hydrotreated industrial gear oil formulated with premium extreme pressure (EP) additives and is suitable for use in a wide range of industrial gear applications. Blended with high-quality base stocks and advanced additive technology, it is designed to deliver exceptional EP resistance across various viscosity grades under demanding operating conditions.**

this product offers maximum protection against wear and extreme pressure, ensuring long-term performance and durability. It also provides excellent oxidation stability, rust and corrosion protection, and helps minimize sludge and deposit formation. These high-performance characteristics contribute to optimal thermal stability and significantly extend the service life of gearboxes and equipment.

## Applications / Benefits

- \* Excellent wear resistance and high EP protection
- \* Outstanding thermal stability
- \* Superior cleanliness for sludge free gear sets
- \* Efficient water separation for optimal lubrication across temperatures

## Typical Characteristics

Test Description	Method	Unit	68	100	150	220
ISO Viscosity Grade	-	-	68	100	150	220
Density @ 15 °C	ASTM D 4052	kg/L	0.871	0.881	0.885	0.893
Flash Point	ASTM D 92	°C	220	232	238	244
Pour Point	ASTM D 97	°C	-24	-21	-18	-15
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	68.7	101.0	147.9	227.2
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	9.1	11.6	14.8	19.6
Viscosity Index	ASTM D 2270	-	107	103	99	98



## Typical Characteristics

Test Description	Method	Unit	320	460
ISO Viscosity Grade	-	-	320	460
Density @ 15 °C	ASTM D 4052	kg/L	0.899	0.901
Flash Point	ASTM D 92	°C	248	250
Pour Point	ASTM D 97	°C	-12	-9
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	317.3	454.7
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	24.2	30.3
Viscosity Index	ASTM D 2270	-	97	96

## Suggested for the Following Uses

* AGMA	9005-F16 AS
* DAVID BROWN	S1.53.101 TYPE M
* DAVID BROWN	S1.53.101 TYPE A
* DAVID BROWN	S1.53.101 TYPE E
* DIN 51517	PART 1
* DIN 51517	PART 2
* DIN 51517	PART 3
* FIVES CINCINNATI	EP GEAR OILS
* GM	LS 2 EP GEAR OIL
* ISO	12925-1 CKC
* ISO	12925-1 CKD
* U.S. STEEL	224

Reference No.  
6511G2INDGEARREV0

Last revised date:  
27-06-25