

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		
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

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