

UNT ICL PREMIUM GEAR

Description

UNT ICL Premium Gear Oil is a product 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, this product is designed to deliver exceptional EP resistance under demanding operating conditions.

UNT ICL Premium Gear Oil offers maximum protection against wear and extreme pressure, ensuring long-term performance and durability, with excellent oxidation stability that minimizes sludge and deposit formation. These contributes to significantly extending the service life of gearboxes and

Properties

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

Technical Characteristics

Test Description	Method	Unit	ISO 68	ISO 100	ISO 150	ISO 220
ISO Viscosity Grade	-	-				
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

Technical Characteristics

Test Description	Method	Unit	ISO 320	ISO 460
ISO Viscosity Grade	-	-		
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

Specifications

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

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