

Quantum Indus Gear Lube EP

Description :

. GEARLUBE EP OIL Series is premium quality, heavy-duty industrial gear lubricants formulated for enclosed gear sets operating under severe service conditions.

. GEARLUBE EP OIL Series are formulated from high-quality, high VI base oils selected for their oxidation stability and water-separating characteristics. Additives are incorporated which provide extreme pressure and anti-wear properties, rust and corrosion protection, increased oxidation stability, improved resistance to foaming and excellent high load performance characteristics.

Benefits :

- Excellent load-carrying capacity.
- Outstanding anti-wear properties.
- Excellent oxidation stability.
- Rust and corrosion protection.
- Excellent lubricity & good anti foam properties.
- Minimizes friction, resulting in reduced bulk oil temperature.
- Effective demulsibility for rapid water separation.
- Resistance to micro-pitting.

Application :

. GEARLUBE EP OIL Series is recommended for industrial enclosed gear drives for both circulation and splash systems. It is particularly recommended for gear sets operating under heavy or shock load such as spur, helical and bevel gear drives.

Performance Level :

AGMA250.04 (EP)
 David Brown.. Table E
 U.S. Steel.....224
 DIN 51517..... Part 3
 AGMA..... 251.02 (EP)
 AGMA..... 9005-D94 (EP)

Product Characteristics*

PROPERTIES	UNIT	VALUE								TEST METHOD	
ISO Grade	-	68	100	150	220	320	460	680	1000	DIN 51511	
AGMA Lubricant Number	-	2EP	3EP	4EP	5EP	6EP	7EP	8EP	-	-	
Specific Gravity @ 15 °C	-	0.886	0.891	0.896	0.901	0.903	0.908	0.913	0.918	ASTM D-4052	
Viscosity	@ 40°C	mm ² /s	68.5	98.8	154	223.6	325.6	450	680	1002	ASTM D-445
	@ 100 °C	mm ² /s	8.88	11.4	15.3	19.3	24.4	30.4	39.1	55.31	ASTM D-445
Viscosity Index	-	102	99	100	98	96	97	97	106	ASTM D-2270	
Flash Point, COC	°C	246	252	252	254	256	258	262	269	ASTM D-92	
Pour Point	°C	-15	-15	-15	-12	-9	-9	-9	-9	ASTM D-97	
Color	-	1.5	L2.0	2.0	L 2.5	2.5	3.5	4.0	4.5	ASTM D-1500	
Timken OK Load	Lb	60	60	60	60	70	70	70	70	-	
FZG Test, No. Stage Passed	-	12	12	12	12	12	12	12	12	-	
Product Code		5320	5330	5340	5350	5360	5370	5380	5980	-	