

PRODUCT DATA SHEET

GEARLUBE EP

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

PETROMIN 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.

SPECIFICATION & APPROVALS

Petromin Gearlube EP meets or exceeds the requirements of:

- AGMA 250.04 (EP)
- David Brown Table E
- U.S. Steel 224
- DIN 51517 Part 3
- AGMA 251.02 (EP)
- AGMA 9005-D94 (EP)

APPLICATIONS

PETROMIN 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.



PRODUCT DATA SHEET

PRODUCT CHARACTERISTICS*

PROPERTIES	UNITS	VALUE							TEST METHOD
ISO GRADE	-	68	100	150	220	320	460	680	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	ASTM D-4052
Viscosity @ 40°C	mm ² /s	68.5	98.8	150	222.1	336.3	458	669	ASTM D-445
Viscosity @ 100 °C	mm ² /s	8.88	11.4	14.8	19.2	25.0	31.0	41.0	ASTM D-445
Viscosity Index	-	102	99	97	98	96	98	100	ASTM D-2270
Flash Point, COC	°C	246	252	252	254	256	258	262	ASTM D-92
Pour Point	°C	-15	-15	-15	-12	-9	-9	-9	ASTM D-97
Timken OK Load	Lb	60	60	60	60	70	70	70	-
FZG Test, NO. Stage Passed	-	12	12	12	12	12	12	12	-
Color	-	1.5	L 2.0	L 2.5	L 2.5	3.0	L 3.5	L 3.5	ASTM D-1500
Product Code		5320	5330	5340	5350	5360	5370	5380	

*The information and figures given here are typical of current production and conform to specification, minor variations may occur.

