

NATIONAL Gearlube EP

NATIONAL Gearlube EP series delivers exceptional protection and operational efficiency for heavy-duty industrial gears. It provides outstanding performance to gears operating under severe service conditions such as high loads low speeds, high temperature, or humid conditions.

Benefits

- Balanced anti-wear and EP chemistry protects components from wear enhancing gear life.
- Exceptional oxidation stability helps extend oil life & keeps equipment deposit free.
- In-built rust & corrosion inhibitors offer protection to critical internal components.
- Foam inhibition, and water separability ensures seamless system operation.

Meets/Exceeds

- ISO 12925-1 CKC/CKD
- US Steel 224
- IS 8406
- GB 5903-L- CKC/CKD

Applications

- Lubrication of industrial gear boxes with forced circulation, splash or oil bath lubrication.
- Lubrication of spur, bevel, planetary and helical gears.
- Recommended for gearboxes, bearings, crushers, hoists, conveyors, winches, machine tools, lathes, chain drives, sprocket applications.

Product Characteristics

Properties	Test Method	Unit	ISO VG						
			68	100	150	220	320	460	680
Density at 15 °C	ASTM D4052	kg/L	0.8867	0.8910	0.8945	0.8989	0.9025	0.9057	0.9061
Kin. Visc. at 40 °C	ASTM D445	cSt	68.7	101.2	150.7	221.1	322.4	463.2	687.2
Kin. Visc. at 100 °C	ASTM D445	cSt	8.8	11.4	14.6	19.08	24.13	30.6	41.5
Viscosity Index	ASTM D2270	-	102	100	96	98	95	95	95
Flash Point, COC	ASTM D92	°C	254	262	258	262	264	266	266
Pour Point	ASTM D97	°C	-18	-18	-15	-15	-15	-12	-15
Product Code			532022	533022	534022	535022	536022	537022	538022

- Information, test methods, figures are typical and conform to specification; minor variation may occur.
- Refer Owner's Manual for the manufacturer's recommended performance level, viscosity grade and builder approval requirements.
- Please refer to the product Safety Data Sheet (SDS) for health, safety, and handling information.

