



INDUSTRIAL

GEAR OIL

CARTER EP

Mineral oils for enclosed gears

Product Profile



Sulfo phosphorated extreme pressure oil intended for industrial gear lubrication. Carter EP meets

- ISO 6743/6 cat. CKC
- DIN 51517 Part 3 cat. CLP
- AGMA 250.04: 2EP/4EP/5EP/6EP/7EP
- AGMA 251.02: 4EP/5EP/6EP/7EP
- US STEEL 224 specification

Applications

Specially designed to lubricate

- Enclosed gears even under the most severe conditions.
- Reduction & worm gears.
- High load bearings, gear couplings and bevel gears
- Sliding surfaces including chain drives, sprockets, flexible couplings splash circulating system, mist lubrication where EP oil is required

Features & Benefits

- Perfect neutrality with respect to oil seals.
- Very good resistance to oxidation **avoids deposits**.
- Very good antiwear properties **eliminate wear of components**
- Excellent antirust protection.
- Low pour point
- Excellent resistance to foaming

Typical Characteristics	Reference Method	Typical Test Data					
		68	100	150	220	320	460
Density at 29.5°C, kg/l	ASTM D 1298	0.871	0.887	0.889	0.890	0.891	0.892
Viscosity at 40°C, cSt	ASTM D 445	66.63	102.4	154.3	223.2	319.5	449.8
Viscosity Index	ASTM D 2270	102	97	97	96	99	95
Pour point, °C	ASTM D 97	-24	-12	-12	-12	-15	-12
Total Acid Number, mg KOH/g	ASTM D 664	0.65	0.640	0.651	0.652	0.65	0.65
Flash point COC, °C	ASTM D 92	240	242	258	260	276	282

(Characteristics of this chart are indicative typical values)

Date : 08/05

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