

iGEAR CLP

68, 100, 150, 220, 320, 460

INDUSTRIAL GEAR OILS - MINERAL

BULWARK iGEAR CLP OILS are high quality gear lubricants for heavy loaded industrial gearboxes and bearings. These oils are manufactured using carefully selected high viscosity Index base oils with advanced sulphur-phosphorus extreme pressure additives. Its optimal ratio of EP properties and anti-friction protection capabilities allow using these oils effectively in various components and gear units of industrial equipment.

BULWARK iGEAR CLP OILS are recommended for industrial gearboxes and units with steel gears, where EP oils are required. The applications also include bearings, wheel, worm and screw gears in different industrial equipment, as well as oil circulation and mist and splash lubricating systems.

PERFORMANCE LEVEL*

- DIN 51517-3 CLP
- ANSI/AGMA 9005-E02 (EP)
- ISO 12925-1 CKD
- US Steel 224

KEY BENEFITS

- Excellent EP properties and anti-friction capabilities allow using these oils on various applications and components of industrial equipment
- Provides protection to wide range of gear boxes industrial equipment.
- The formula provides excellent low temperature fluidity and exceptional resistance to degradation at high temperatures.
- Prevents welding, scuffing and galling of the gear teeth at their contact points.
- Provide exceptional oil life and deposit control and resistance to thermal/oxidative and chemical degradation.

TYPICAL CHARACTERISTICS**

Properties	Test Methods	68	100	150	220	320	460
Density at 29.5 kg/m ³	ASTM D4052	0.887	0.888	0.891	0.893	0.898	0.904
Kinematic viscosity at 40°C, cSt	ASTM D445	67.1	99.7	146.5	216.1	326.4	464.2
Kinematic viscosity at 100°C, cSt	ASTM D445	8.61	11.24	14.43	18.69	24.45	31.1
Viscosity Index	ASTM D2270	99	98	96	96	96	97
Flash Point, COC, °C	ASTM D92	232	242	246	256	262	270
Pour Point, °C	ASTM D97	-24	-24	-24	- 21	-18	-18
Form Tendency/ Form Stability	ASTM D892						
Seg I		0/0	0/0	0/0	0/0	0/0	0/0
Seg II		0/0	0/0	0/0	0/0	0/0	0/0
Seg III		0/0	0/0	0/0	0/0	0/0	0/0

* Performance levels indicated may include licensed API specs or specs that our products meet or exceed

** Typical Characteristics are typical values. Minor variations within the permissible tolerance limits maybe expected on the final product.

STORAGE

All packages should be stored under cover. Where outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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