

OGG 2500 Grade 1 / 0 / 00

Open Gear Fluid Grease With High Purity Graphite

Benefits :

- Adheres well to base metal under adverse conditions like dust, sand, grime, wind, sun and clings tenaciously to the Gear tooth flanks even in heavily loaded condition.
- Specially chosen extreme pressure additives help prevent squeeze out, ratio change, meshing and withstand shock loads and pressures.
- Does not harden and cause frictional drag thereby leading to excessive energy consumption.
- Guards against rust & corrosion and is not washed away with water ingress.
- Prevents scoring, scuffing, galling, clawing, pitting, sliding and slipping which ordinary greases are unable to combat.
- Regular application ensures synchronized movement of gears and keeps the system in silent mesh.
- Does not Contain Lead or other harmful heavy metals, can be sprayed easily.

Applications :

- Finds use in fields like Construction, Mining, Dam Building, Farms, Heavy Engineering, Rubber, Cement, Chemical and other industries.
- For open gear equipment; draglines, excavators, earth moving machinery, water pumps, winches, heavy equipment, wind-pumps pulleys, timber drags, cable / rope ways, ski lifts and certain girth gears.

Characteristics	Test Method	Unit	Grade 1	Grade 0	Grade 00
Appearance	Visual	–	Smooth & tacky	Smooth & tacky	Smooth & tacky
Colour	Visual	–	Black	Black	Black
Base [Thickener]	–	–	Metal Complex	Metal Complex	Metal Complex
Base Oil	–	–	Mineral	Mineral	Mineral
Solid Lubricant	–	–	Graphite	Graphite	Graphite
Flash Point (of Base Oil)	ASTM D-92	°C	+ 220	+ 220	+ 220
NLGI Grade	–	–	# 1	# 0	# 00
Worked Penetration	ASTM D-217	0.1 mm	310– 340	355– 385	400 – 430
Copper Strip Corrosion Test	ASTM D-4048	Rating	1a	1a	1a
Oil Separation	ASTM D-1742	%	<=0.50	<=0.50	<=0.50
Roll Stability	ASTM D-1831	%	< 10% change	< 10% change	< 10% change
Operating Temperature Range	–	°C	-20/+150	-20/+150	-20/+150

MSDS available on request.

Due to continual upgradation of products above data is subject to change without notice
This supersedes our previously issued data sheets.

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