



PRODUCT DATA SHEET

NP OPEN GEAR COMPOUND

GENERAL

NP Open Gear Compound is manufactured from premium paraffinic base oils and highly refined bitumen. It has good adhesive properties which lends to its ability to protect surfaces under boundary conditions as it is not easily displaced from working surfaces by pressure. Due to its high viscosity it also exhibits a cushioning effect for certain levels of tooth wear and misalignment.

KEY BENEFITS

The use of **NP Open Gear Compound** would result in:

- Excellent adhesion to gear teeth and slow drain rate.
- Minimizing wear under hostile conditions.
- High load carrying capacity.
- Good boundary lubrication characteristics.
- Resistance to water washout and rust protection of ferrous parts.

MAIN APPLICATIONS

- Recommended where the use of high viscosity adhesive oils are required.
- Open gear drives and certain slow speed enclosed gears.
- Wire ropes, chains, gears and sliding surfaces of drag lines and shovels.

TYPICAL PROPERTIES

	TEST METHOD	
NP Open Gear Compound		
Kin. Viscosity @ 100°C, cSt	ASTM D445	300
Flash Point, (PMCC), °C	ASTM D93	160

HEALTH AND SAFETY

NP Open Gear Compound is unlikely to pose any health or safety hazards when used in the recommended applications, provided good standards of personal and industrial hygiene are observed. Please refer to Material Safety Data Sheet (MSDS) for further information.