



GEAR & WIRE ROPE COMPOUND

PSO Gear & Wire Rope Compound series, a black adhesive compound tailored for a diverse range of industrial and mobile machinery lubrication applications. This cost-effective compound is specially formulated for easy lubrication of gears and wire ropes, offering seven viscosity grades to suit specific applications.

Benefits

- Excellent protection of gears and wire rope against wear.
- Provides good rust and corrosion protection.
- Ideal for large open gears.
- Forms a pliable and long-lasting high-strength lubricant film.
- Exhibits high resistance to adverse weather conditions.

Applications

- Suitable for open gears in cement industry, quarries, and sugar crushing mills.
- Ideal for wire ropes in elevators, overhead cranes, drag lines, and mobile equipment.
- Appropriate for railway lines and other railroad equipment.
- Perfect for special equipment in steel mills and coal mines conveyors.
- Well-suited for chains and sprockets.

Typical Characteristics*

PROPERTIES	METHODS	TYPICAL RESULTS						
		A	C	D	F	G	H	R-96
Density @ 15°C, kg/L	ASTM D-1298	0.9666	0.9832	0.9980	1.0060	1.0380	1.0432	1.9821
K. Viscosity @ 100°C, cSt	ASTM D-445	39.5	96.8	212.8	429.0	852.8	1144.0	117.7
Flash Point (COC), °C	ASTM D-92	262	264	280	290	298	300	232
Pour Point, °C	ASTM D-97	0	+12	+21	+33	+45	+48	+15

*These typical characteristics mentioned are based on current mean values.

Based on available information, this product does not contain any component that may produce any significant hazard to health when used for the recommended application. Guidelines for health and safety are available in Material Safety Data Sheet of the product. Dispose of used oil, containers, cartons labels in an environment friendly manner. Do not discharge used oil into drain, soil or water. Advice on application not covered in this leaflet, may be obtained from lubricants.technical@psopk.com