



INDUSTRIAL GEAR OILS

P S Industrial Gear Gard Oils are specifically formulated to exceed the requirements for industrial enclosed gear applications. These industrial gear oils are compounded with exceptional additives to achieve the proper balance between high load carrying ability and excellent lubricity and film strength.

These oils are especially appropriate for heavily loaded industrial enclosed gear cases where heat, load, water, and extended drain periods are a contributing factor. Gear Gard Oils are non-foaming, will not mix with water, are extremely tacky.

Gear Gard Oils meet and exceed the following specs: U.S. Steel 222-224, 60 O.K. Timken Load, AGMA 250.03, and GL-4 requirements.

PHYSICAL CHARACTERISTICS - TYPICAL

	<u>2120</u>	<u>2180</u>	<u>2190</u>	<u>21140</u>
AGMA No.	2	3	5	8
SAE Grade	20	80	90	140
Gravity, °API	30	26	24	23
Viscosity, SUS @ 100°F	300	500	1180	2200
SUS @ 210°F	53	65	97	145
Viscosity Index	95	95	95	95
Pour Point, °F	-30	-20	-5	+10
Base Oil Flash Point, °F	425	360	490	540
Color	Red			

CONTAINER SIZES

5 Gallon Pail
16 Gallon Keg
55 Gallon Barrel

PS GEAR OILS PROVIDE PROTECTION SIX WAYS

PARAFFIN BASE STOCKS: Paraffinic oils change less in viscosity as temperatures rise and fall. Paraffinic oils are more heat resistant and resist oxidation. Higher operating temperatures can be achieved without carbon and varnish build-up. Paraffin base oils provide more effective oiliness or lubricity, increased water resistance, higher flash and fire points, tougher film strength, and prolonged seal life.

COMPLEX E.P. PACKAGE: PS Gear Oils are compounded with proper balance between E.P. and anti-wear. I.H. Gear Oils carry a 60 O.K. TIMKEN LEVER LOAD to handle shock loads as well as substantially reduce temperatures and wear. This COMPLEX PACKAGE will provide outstanding performance under severe service and extended drains.

NON-FOAMING: PS Gear Oils are anti-foam inhibited with heavy-duty defoamers that will not dissipate during long drain periods and elevated temperatures. Foam and air entrapment causes seal seepage, heat build-up, and excessive wear.

WATER SEPARATION: PS Gear Oils will not mix with water. Condensation and moisture that may collect in the gear case can be drained off. This eliminates foam, excessive pressure on seals, rust and pitting due to the mixture of oil and water.

TACKINESS AGENT: PS Gear Oils contain special shear stable polymers that enable the gear oil to cling to or follow the gear train. This ensures better lubrication and temperature reduction. These gear oils will "STICK" to the metal surfaces and retain oil on lubricated parts during extended storage periods, and eliminate oil drain off.