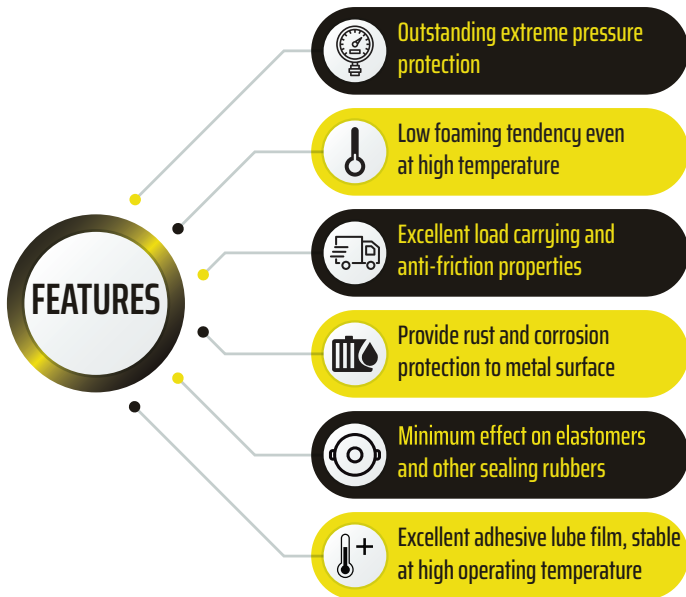




SHIELD - INDUSTRIAL GEAR OILS FULLY SYNTHETIC

DESCRIPTION

Shield's Industrial Gear Oils Fully Synthetic are of an extreme pressure type, which contain Sulphur-Phosphorous compounds. These oils are blended from premium quality fully synthetic virgin base oils and carefully treated with extreme pressure additives.



PERFORMANCE LEVELS:

- U.S. Steel Spec 224
- AGMA Spec 250.04
- Cincinnati Milacron P-35, P-59, P-63, P-77

APPLICATIONS:

Shield's Industrial Gear Oils Fully Synthetic are recommended for all heavy duty enclosed gear drives with circulation or shock load condition for up to a temperature 100°C. These oils can be used for plain and roller bearings, sliding surfaces, chain drives, sprockets, flexible employing splash, circulation or spray lubrication systems requiring extreme pressure type oils.

TYPICAL PHYSICAL PROPERTIES

SL#	Characteristics Unit	Test Method	ISO Grades						
			68	100	150	220	320	460	680
1	Viscosity @ 40°C	ASTM D 445	68	100	150	220	320	460	680
2	Viscosity Index	ASTM D 2270	130	120	120	120	115	110	110
3	Flash Point COC, °C	ASTM D 92	220	220	230	240	240	248	250
4	Pour Point COC, °C	ASTM D 97	-35	-30	-30	-30	-30	-21	-21
5	Color	ASTM D 1500	L1.0	L1.5	L1.5	L1.5	L2.0	L2.0	L2.5
6	Appearance	ASTM D 4176	C & B	C & B	C & B	C & B	C & B	C & B	C & B

* Exact specifications may slightly vary from the above, but within the international standards