



Technical Data Sheet

Attock Gear EX Series Premium Quality Industrial Gear Oils

Attock Gear EX Series Lubricants are formulated with selected base oils and high quality additive package reinforced with Sulphur and phosphorous to provide extra protection to heavily loaded gears in wide variety of industrial application. Attock Gear EX also inhibit rust, oxidation and corrosion.

APPLICATIONS:

Attock Gear EX Series provides excellent protection to enclosed and open industrial gear drives, Most suitable for use in Cement mills, ball and rolling mills, crushers and conveyers, kiln drive gear boxes, winches, machine tools and marine equipment. OEM recommendation may be considered for selecting optimum viscosity.

BENEFITS:

- Superior loads carrying and anti-friction characteristics.
- High thermal stability additive system reduces the formation of high temperature compound, which can be corrosive to bearing materials.
- Longer oil life.
- Low foaming tendency

Typical Physical Characteristics:

PRODUCT	ASTM Methods	ATTOCK GEAR EX					
		EX 100	EX 150	EX 220	EX 320	EX 460	EX 680
ISO VG		100	150	220	320	460	680
Appearance	Visual	Clear	Clear	Clear	Clear	Clear	Clear
Specific gravity at 60/60 °F	D 1298	0.916	0.921	0.925	0.928	0.93	0.933
Density at 85 °F	D 1298	0.907	0.912	0.916	0.919	0.921	0.924
Kinematics viscosity at 40 °C cSt	D 445	99	152	222	322	460	670
Kinematics viscosity at 100 °C cSt	D 445	10.1	13.4	17.2	21.8	27.5	34.5
Viscosity Index	D 2270	80	80	80	80	80	80
Flash point °C	D 92	230	240	240	240	250	250
Water by crackle test		Negative	Negative	Negative	Negative	Negative	Negative
Pour point °C	D 97	-3	-3	-3	-3	-3	-3