



Technical Data Sheet

Attock Gear EX

Attock Gear EX Lubricants are formulated with a high Sulphur Phosphorous additive system which ensures rust and oxidation inhibition, corrosion and oxidation inhibitor and a metal passivator.

It is designed, better than that provided by leaded Gear Oils and primarily for industrial gear drives where full EP performance is required.

APPLICATIONS:

Attock Gear EX Industrial Gear Lubrication services, enclosed industrial Gear Drives, open Gear Drive (heavy grades), Cement mills, ball and rolling mills, crushes and conveyers, kilns, winches, machine tools and marine equipment.

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.

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	100	152	222	322	460	680
Kinematics viscosity at 100 °C cSt	D 445	10.7	14.2	18.1	22.9	28.6	36.4
Viscosity Index	D 2270	89	89	89	88	88	87
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