

Technical Datasheet



PRODUCT: RUST-X GEAR OIL

GRADE: GearX 68, 90, 140, 220, 320, 460

Product Description

These are range of high quality gear oils manufactured from selected Base stocks & blended with ashless extreme pressure agents. In addition they contain additives to increase adhesiveness & prevent film rupture under shock loading conditions. Contains friction modifier. They are very stable, have high resistance to foaming, good demulsibility characteristics, seal compatible & fluidity at low temperature.

GEARX 90 are recommended for high speed single & double helical gear sets utilizing a circulating system for spray lubrication. They are also suitable for heavily loaded bearings where straight mineral oil do not have sufficiently high film strength to provide effective lubrication.

GEARX 140 can be used in helical & spur gear sets having peripheral speeds of 1000/2500 feet per minute & utilizing spray or splash lubrication. Again it can be used for heavily loaded bearings requiring an oil of this type. This grade has an extremely good record of satisfactory lubrication of main pinion gears in rolling mills in the steel industry.

GEARX 220 & 320 can be used for slower speed gears in the 200-2500 FPM speed range, and worm gears having rubbing speeds in the range 0-2000 FPM.

GEARX 460 is recommended for slow heavily loaded worm, spur and helical gears where exceptional adhesiveness is required and where shock loading may be problem.

Physical Properties

GearX Grade	68	90	140	220	320	460
Appearance		Amber Solution				
Specific Gravity	0.86-0.91	0.86-0.91	0.86-0.91	0.86-0.91	0.86-0.91	0.86-0.91
Flash Point (°C)	200	215	230	240	245	270
Viscosity	90 cst	90 cSt	90 cSt	90 cSt	90 cSt	90 cSt
Timken OK Load (lb)	65	65	65	65	65	65
Rust Prevention	Pass	Pass	Pass	Pass	Pass	Pass

RUST-X
REST WITHOUT RUST

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CORROSION PREVENTION SPECIALISTS