



PRODUCT DATA SHEET

NMX GEAR ZN SERIES- EP-90, EP-140, EP-320, EP-460, EP-680 (INDUSTRIAL GEAR OILS –ZN (Zinc based))

DESCRIPTION & APPLICATION:

NMX GEAR ZN Series are zinc-based industrial gear lubricants, specially formulated for lubricating enclosed gear sets, including spur, helical, and bevel designs, under non-critical conditions. With excellent film strength, thermal stability, and chemical resilience, these oils provide strong protection to mating surfaces, extending gear life. Crafted from high-quality base stocks and enriched with carefully selected additives for oxidation resistance, rust prevention, anti-corrosion, anti-foam, and anti-wear protection, NMX GEAR ZN is ideal for systems requiring reliable anti-wear performance under moderate to severe conditions. Recommended for a wide range of enclosed and semi-enclosed gear systems—including spur, straight bevel, spiral bevel, worm, herringbone, helical gears—as well as industrial bearings, sliding surfaces, chain drives, sprockets, and flexible couplings operating in non-critical environments.

Please note, these oils are not suitable for food and drug applications or extremely severe conditions, such as gear drives exceeding 3600 RPM, pitch-line velocities over 1500 m/min, or sump temperatures above 110°C.

SPECIFICATION:

PROPERTIES	TYPICAL VALUES				
	ZN-90	ZN-140	ZN-320	ZN-460	ZN-680
ZN TYPE					
Appearance	Clear Golden Natural				
Kinematic Viscosity, cSt @ 40°C	80-95	130-150	300-340	440-475	625-700
Viscosity Index	90	90	90	90	90
Flash Point, COC, °C min	220	220	220	220	220
Pour Point, °C Max	-6	-6	-6	-3	-3
FZG, Rig Test - Passes	12	12	12	12	12

*The specifications are subject to variations/ development / customization.

PACKING: 26L, 50L, 55L, 210L

*Due to continual product research and development, the information contained herein is subject to change without notice.