

SERVO MARINE GEAR EP

GRADES AVAILABLE – SERVO MARINE GEAR EP 100, 150, 220, 320, 460

<p>DESCRIPTION</p> <p>Servo Marine Gear oils are high quality gear lubricants based on sulphur phosphorous chemistry. These oils demonstrate improved thermal stability and oxidation resistance over conventional lead-naphthenate oils. They have good demulsibility characteristics, low foaming tendency and provide rust and corrosion protection to metal surfaces.</p>	<p>APPLICATION</p> <p>Servo Marine Gear EP oils are recommended for all types of enclosed gear drives with circulation or splash lubrication systems. These oils are particularly recommended for gear sets working under heavy or shock load conditions. These oils can be used in systems involving gears, plain bearings, roller bearings and sliding surfaces. They are also suitable for chain drives, sprockets, flexible couplings, plain and rolling element bearings employing splash, circulation and spray lubrication systems.</p>
<p>PERFORMANCE BENEFITS</p> <ul style="list-style-type: none"> • Have reduced tendency to foam • Provide high load carrying ability • Ensure excellent wear protection • Ensure long service life since they have good oxidation and thermal stability • Minimise the formation of sludge and deposits, even at high bulk oil temperatures • Ensure ready separation from water due to good demulsibility property • Protect metals against rust and corrosion 	<p>PERFORMANCE STANDARDS</p> <ul style="list-style-type: none"> • AGMA standard 250.04 • ASLE standard G-315, G-1000, G-1500 and G-2150 • IS: 8406 – 1993 • US Steel requirement No. 222 and 224 <p>These oils also meet Cincinnati Milacron. USA specification No. P-63, P-76, P-77, P-74, P-59 & P-35 respectively.</p>

CHARACTERISTICS

ISO VG	100	150	220	320	460
Kin. Viscosity cSt @ 40°C	95 -105	145 -155	210 -230	320 -350	425-495
Viscosity Index, Min.	90	90	90	90	90
Flash Point (COC), °C Min	204	204	232	232	232
Pour Point, °C Max.	(-) 12	(-) 12	(-) 12	(-) 3	(-)3
FZG Rating, 12th Stage	Pass	Pass	Pass	Pass	Pass

HEALTH & SAFETY

These oils are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.