



TARMOND HEAVYGEAR EP SERIES

INDUSTRIAL GEAR OIL

Product Description:

Tarmond Heavygear EP Series are premium, lead-free gear oils formulated for enclosed gear drives and highly loaded plain bearings in industrial applications. The Series provide reliable protection against wear, helping to extend equipment life and minimize downtime. It also offers strong resistance to oxidation and sludge buildup, keeping systems cleaner with less maintenance. With a broad range of applications and long-lasting performance, Tarmond Heavygear EP Series ensures smooth operation and improved efficiency.

Applications:

Tarmond Heavygear EP Series can be applied in industrial gear drives operating under severe load conditions, wide temperature extremes, and where high film strength is required. It is also suitable for steel-on-steel, spur, helical, or planetary gear drives, as well as bearings and other steel-on-steel components with splash or forced circulation systems.

Benefits:

- ❖ Enhanced protection against gear and bearing wear, extending equipment life and reducing unexpected downtime
- ❖ Improved resistance to oxidation, sludge, and deposits, ensuring cleaner systems and lower maintenance needs
- ❖ Excellent compatibility with various seal materials, reducing leakage and contamination for greater reliability
- ❖ Wide application range, minimizing the need for multiple lubricants and simplifying inventory management
- ❖ Extended lubricant life reduces overall lubrication costs and scheduled downtime, enhancing productivity

Meets the Performances:

API: GL-3; DIN 52517/DIN 51517-3:2018-09

Please check your owner's manual for the manufacturer's recommended oil viscosity grade and API classification and approvals

Technical Data:

TARMOND	Test method							
SAE Grade		68	100	150	220	320	460	680
Density at 15°C gr/cm³	ASTM D 1298	0,875	0,88	0,885	0,89	0,895	0,9	0,907
Viscosity at 40°C cSt	ASTM D 445	68	100	150	220	320	460	680
Viscosity Index	ASTM D 2270	100	100	97	97	95	95	95
Flash point °C	ASTM D 92	210	220	225	235	240	245	250
Pour point °C	ASTM D 97	-23	-21	-20	-18	-18	-12	-9
TIMKEN OK Load lbs	ASTM D 2782	65	65	65	65	65	65	65
4 Ball EP Weld, kg LWI, kg	ASTM D 2783	250 45						
4 Ball WEAR 54°C /1800 rpm/20 kg/1 h Scar diameter, mm	ASTM D 2286	0,33						

Above values are the typical values of the products and may vary with each batch