



Tarmond HeavyGear EP-S PAG SERIES **INDUSTRIAL GEAR OIL**

Product Description:

Tarmond HeavyGear EP-S PAG series are water insoluble industrial gear oils, formulated using specially selected polyalkylene glycol base fluids and high performance additives. Provide extended lubricant life resisting the formation of harmful deposits at high temperatures and keeps gear boxes clean. They offer outstanding load carrying properties and demulsibility characteristics.

Tarmond HeavyGear EP-S PAG series allow thermally stable operation at temperatures exceeding 200°C. Free of chlorine, sulphur and metal based additives, including lead. Designed to provide excellent thermal stability and corrosion protection.

Applications:

Tarmond HeavyGear EP-S PAG series can be used in lubrication of calendars and piston compressors. Also can be used in lubrication of bevel, spiral bevel, helical, enclosed spur and worm gear units.

Benefits :

- Long service life
- Excellent thermal stability
- Good corrosion protection
- Excellent wear protection
- Excellent lubrication performance



Technical Data:

TARMOND	Test method				
		150	220	320	460
Viscosity at 40°C cSt	IP 71	150	237	325	433
Viscosity at 100°C cSt	IP 71	25	31.8	44.8	63.7
Viscosity Index	IP 226	195	177	196	220
PMCC flash point,°C	IP 34	191	231	225	225
Pour point °C	IP 15	-30	-30	-30	-28
Neutralisation, mgKOH/g	IP 139	0.9	1.09	1.12	1.15
Specific gravity @ 20/20°C	IP 160	0.944	1.006	1.005	1.007
Oxidation stability Total Oxidation Products, %	IP 280	0.552	0.554	0.523	0.500
Load carrying capacity, FZG failure load (A/8. 3/90)	IP 334	>13	>13	>13	>13
Timken OK load, lbs.	ASTM D2782	27	27	35	35
Weld load, kg	ASTM D2783	168	175	170	170
Corrosion, Copper Strip classification (3 hrs. @100°C)	IP 154	1b	1a	1b	1a
Corrosion, rust prevention Procedure A Procedure B	IP 135	Pass Pass	Pass Pass	Pass Pass	Pass Pass
Volume of foam, ml Sequence 1 Sequence 2 Sequence 3	-	nil/nil nil/nil nil/nil	nil/nil nil/nil nil/nil	nil/nil nil/nil nil/nil	nil/nil nil/nil nil/nil
Air release, min. @90°C	ASTM 3427	19	17	27	25
Demulsibility @82°C Emulsion, ml Free water, ml	ASTM D1401	3 37	3 37	0 40	0 40

Specified values are our typical characteristics.