

TECHNICAL DATA SHEET

EP GEAR OILS

DESCRIPTION:

DR Lubricants EP gear oils are premium extreme pressure gear lubricants designed to provide excellent load carrying capacity, oxidative stability, corrosion protection, and water tolerance. They are formulated to meet the following typical properties.

PRODUCT	EP 68 GO	EP 100 GO	EP 150 GO	EP 220 GO	EP 320 GO	EP 460 GO	EP 680 GO
API Gravity	30.0	29.3	27.8	27.2	26.6	25.7	28.4
Viscosity, Kinematic cSt at 40°C	68	100	150	220	320	460	680
Viscosity, Kinematic cSt at 100°C	8.6	11.3	14.8	19.4	24.2	30.9	40.8
Viscosity Index	>95	>95	>95	>95	>95	>95	>95
Flash Point °C (Min.)	210	218	238	243	249	257	260
Pour Point °C (Max.)	-21	-20	-18	-12	-9	-9	-7
Copper Corrosion	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Steel Corrosion (Synthetic sea water)	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Extreme Pressure Properties							
Timken OK Load, lb.	70	70	70	70	70	70	70
Four Ball; LWI/Weld Load kgf	50.7/250	50.7/250	50.7/250	50.7/250	50.7/250	50.7/250	50.7/250
Antiwear Properties 4-Ball Wear Scar Diam., mm	0.24	0.24	0.24	0.24	0.24	0.24	0.24
FZG Passing Stage	12	12	12	12	12	12	12
Oxidation Stability, Viscosity Increase	0.9%	0.9%	0.9%	0.9%	0.9%	4.1%	4.1%
Water Separability (40/40/0 (15))	Pass	Pass	Pass	Pass	Pass	Pass	Pass



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