



Product Data Sheet

PETRON HYPEX EP

DESCRIPTION

PETRON HYPEX EP is a premium quality, general purpose, lead-free gear and bearing lubricant designed for continuous use at operating temperature of up to 100°C.

PROPERTIES

- Contains an EP (extreme pressure) agent to minimize metal seizure when operating at overload conditions up to 80°C
- Passes stage 12 of the FZG (wear) test for load bearing capacity
- Has excellent additive retention properties to provide protection against wear in continuous overload conditions
- Possesses good water separation properties
- Exhibits excellent thermal stability

GRADE

- ISO VG 68, 100, 150, 220, 320, 385, 460, 570, 680, 1000, 4000 and 25K

APPLICATIONS

- Hypoid gear boxes, plain and anti-friction bearings and gears subjected to heavy shock loads

AVAILABLE PACKAGES

Please contact our Sales Team for the available packages.

TYPICAL CHARACTERISTICS

	68	100	150	220
Specific Gravity at 15.6°C	0.8812	0.8856	0.8784	0.8979
Flash Point, COC, °C	230	250	258	248
Color, ASTM	1.5	L2.5	3.0	4.0
Kinematic Viscosity at 40°C, cSt	66.04	97.13	143.5	214.5
Kinematic Viscosity at 100°C, cSt	8.682	11.08	14.79	18.67
Viscosity Index	103	99	103	97
	320	385	460	570
Specific Gravity at 15.6°C	0.8840	0.9043	0.9043	0.9037
Flash Point, COC, °C	244	246	240	236
Color, ASTM	3.0	4.5	4.0	4.0
Kinematic Viscosity at 40°C, cSt	320.5	373.3	455.4	563.9
Kinematic Viscosity at 100°C, cSt	24.30	26.81	30.33	36.46
Viscosity Index	97	97	96	100



MALAYSIA

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	680	1000	4000	25K
Specific Gravity at 15.6°C	0.9095	0.9219	0.9201	0.9255
Flash Point, COC, °C	246	220	240	222
Color, ASTM	4.0	4.5	8.0	6.5
Kinematic Viscosity at 40°C, cSt	673.6	1,044	4,598	22,090
Kinematic Viscosity at 100°C, cSt	42.76	60.32	136.5	662.8
Viscosity Index	106	114	101	183

NOTE: Hypex EP 4000 is a highly viscous EP lubricant that has a well-balanced formulation that enables the oil to maintain stability even when left undisturbed for long periods of time. It is therefore suitable for extended use during several sugar milling seasons.