Bearing oil (Bearing Oil)

Product Features

- petroleum bearing oil : Using highly purified saturated hydrocarbons
- Synthetic polyalphaolefin oil bearing : linear alpha olefin oligomers **(Polyalphaolefins : PAO).**
- Synthetic ester oil bearing
  - Neo polyol ester (Neopolyol esters),
  - Fatty acid ester (Di-basic acid esters)
- Synthetic polyalphaolefin and esters bearing oil: PAO & Ester mixed use
- Bearing in mind attributes, types, optionally used in accordance with the characteristics of the locations to vary the viscosity
- Low temperature fluidity, high temperature stability, low volatility (low evaporation loss), anti-emulsion (water separation resistance), thermal stability, oxidation stability, wear resistance, high performance, extreme pressure, low friction coefficient, shear stability (film stability), anti-rust performance excellent fade resistance and clean dispersion, etc.

Product Applications

- Oil-impregnated sintered metal (Oil-impregnated sintered metal), impregnated various parts oil, abrasion resistance bearings, lubrication cryogenic, high temperature lubrication, aircraft parts, auto parts, precision machinery. Freezer, vacuum pumps, office equipment, measuring equipment, medical equipment,
- Low and high temperature operating machines, high speed machines, high-speed machine tools, lubrication points of the various precision machinery,
- Circulation, oil yoksik, bearing of the various machines in a secret way lubrication method, sliding surface parts, lubrication points, such as the bed surface portion,
- No lubrication points that should be used for lubrication points, low temperature mobility is required lubrication points,
- High temperature lubrication points required characteristics, extreme pressure and durability desired lubrication points,
- Friction and wear performance should be superior lubrication points, friction coefficient is less lubrication points,

uridongne co., ltd. #40 Galji-ro, Namsan-myeon, Gyeongsan-si,Gyeongsangbuk-do, 38573, South Korea
TEL : +82-53-851-7117, FAX : +82-53-851-7116 www.euridongne.com ideuk@naver.com

Petroleum Bearing Oil (Mineral Bases Bearing Oil Series)

Separation	Specific Gravity 15/4℃	Viscosity cSt 40℃	Flash Point ℃	Pour Point ℃	Viscosity Index	Corrosive Test (100℃×3h)	Application
Bearing 2	0.7784	1.98~2.42	80↑	-10↓	-	1a	**Mineral Bases** strong oil film formation, metal friction-wear-resistant, low temperature and high temperature operation machine, high speed rotating machinery, machine tools and various precision machine-bearing unit, used for lubrication points, including sliding surface unit, bed surface portion
Bearing 3	0.7866	2.88~3.52	80↑	-10↓	-		
Bearing 5	0.7955	4.14~5.06	80↑	-10↓	-		
Bearing 7	0.8522	6.12~7.48	130↑	-10↓	78		
Bearing 10	0.8542	9.00~11.0	130↑	-10↓	80		
Bearing 15	0.8560	13.5~16.5	160↑	-10↓	80		
Bearing 22	0.8561	19.8~24.2	150↑	-10↓	100		
Bearing 32	0.8630	28.8~35.2	150↑	-10↓	100		
Bearing 46	0.8754	41.4~56.0	160↑	-10↓	100		
Bearing 68	0.8765	61.2~74.8	160↑	-10↓	100		
Bearing 100	0.8765	90.0~110	160↑	-10↓	100		
Bearing 150	0.8785	135~165	160↑	-10↓	100		
Bearing 220	0.8754	198~242	160↑	-10↓	100		
Bearing 320	0.8765	288~352	160↑	-10↓	100		
Bearing 460	0.8785	414~506	160↑	-10↓	100		

Synthetic Polyalphaolefins Bearing Oil : PAO Basestock

Separation	Specific Gravity 15/4℃	Viscosity cSt 40℃	Flash Point ℃	Pour Point ℃	Viscosity Index	Corrosive Test (100℃×3h)	Application
Bearing Syn 5	0.7907	4.14~5.06	160↑	-40↓	-	1a	**Polyalphaolefins (PAO)** synthesis users on-the-high-temperature stability, high viscosity indices, low volatility, high thermal stability, oxidation-hydrolysis stability, non-toxic, oily water separation and constant snapping at top, circulation, oil painting, secret ceremony refueling during high-speed rotation machines, light-speed machine tools and precision of the bearing oil
Bearing Syn 7	0.8076	6.12~7.48	180↑	-40↓	-		
Bearing Syn 10	0.8220	9.00~11.0	180↑	-40↓	120		
Bearing Syn 15	0.8230	13.5~ 16.5	200↑	-40↓	120		
Bearing Syn 22	0.8230	19.8~24.2	210↑	-40↓	140		
Bearing Syn 32	0.8231	28.8~35.2	220↑	-40↓	140		
Bearing Syn 46	0.8305	41.4~56.0	230↑	-40↓	140		
Bearing Syn 68	0.8315	61.2~74.8	230↑	-40↓	140		
Bearing Syn 100	0.8315	90.0~110.0	230↑	-40↓	140		
Bearing Syn 150	0.8330	135~165	230↑	-40↓	140		
Bearing Syn 220	0.8350	198~242	240↑	-40↓	140		
Bearing Syn 320	0.8350	288~352	240↑	-40↓	140		

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Ester Based Oil Bearing (Ester Basestock Bearing Oil Series)

Separation	Specific Gravity 15/4℃	Viscosity cSt 40℃	Flash Point ℃	Pour Point ℃	Viscosity Index	Corrosive Test (100℃×3h)	Application
Bearing DE 5	0.9150	4.14~5.06	200↑	-40↓	-	1a	**Neo polyol ester oil, Di-basic acid esters oil.** pressure lubrication characteristics, friction, abrasion, friction there, which are required for high temperature resistance coefficient-low temperature stability, low volatility, thermal-oxidative stability, non-toxic, shear stability pole pressure lubrication excellence, an oil can, a voice actor
Bearing DE 7	0.9202	6.12~7.48	200↑	-40↓	-		
Bearing DE 10	0.9220	9.00~11.0	200↑	-40↓	130		
Bearing DE 15	0.9230	13.5~ 16.5	200↑	-40↓	130		
Bearing DE 22	0.9231	19.8~24.2	210↑	-40↓	130		
Bearing DE 32	0.9233	28.8~35.2	220↑	-40↓	60		
Bearing DE 46	0.9240	41.4~56.0	230↑	-40↓	60		
Bearing DE 68	0.9240	61.2~74.8	230↑	-30↓	60		
Bearing DE 100	0.9501	90.0~110.0	230↑	-30↓	80		
Bearing DE 150	0.9520	135~165	230↑	-30↓	70		
Bearing DE 220	0.9530	198~242	240↑	-30↓	70		
Bearing DE 320	0.9605	288~352	240↑	-30↓	70		

Synthetic Polyalphaolefins & Ester Basestock Bearing Oil : PAO & Ester

Separation	Specific Gravity 15/4℃	Viscosity cSt 40℃	Flash Point ℃	Pour Point ℃	Viscosity Index	Corrosive Test (100℃×3h)	Application
Bearing PE 5	0.8305	4.14~5.06	180↑	-40↓	-	1a	**PAO & Ester** High-temperature stability, high thermal stability, excellent lubricity and low evaporation loss, the pole pressure, friction resistance coefficients, shear stability, wide range, and prominent anti-excellent oil resistance, anti-rust performance, temperature and load used for lubrication of this severe place.
Bearing PE 7	0.8522	6.12~7.48	180↑	-40↓	-		
Bearing PE 10	0.8542	9.00~11.0	180↑	-40↓	110		
Bearing PE 15	0.8570	13.5~ 16.5	200↑	-40↓	120		
Bearing PE 22	0.8561	19.8~24.2	210↑	-40↓	120		
Bearing PE 32	0.8630	28.8~35.2	220↑	-40↓	130		
Bearing PE 46	0.8754	41.4~56.0	230↑	-40↓	130		
Bearing PE 68	0.8765	61.2~74.8	230↑	-30↓	140		
Bearing PE 100	0.8765	90.0~110.0	230↑	-30↓	140		
Bearing PE 150	0.8785	135~165	230↑	-30↓	140		
Bearing PE 220	0.8754	198~242	240↑	-30↓	140		
Bearing PE 320	0.8765	288~352	240↑	-30↓	140		

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