Hydraulic Oil

Product Features

- Friction, wear, and the like where the particular sliding property required.
- High-temperature, high-pressure, where the need to meet the extreme lubrication conditions of the cryogenic.
- Places that require replacement intervals and machine lubricant life
- Characteristics of the hydraulic oil, the kind, the viscosity used selectively according to the characteristics of the locations to vary
- Excellent low temperature properties, high temperature stability, high viscosity index, high extreme pressure performance and low volatility,
- Low friction coefficient, anti-emulsifying, anti-oxidation stability, rust and corrosive, foam stability, excellent clean dispersion,

Product Category

- Petroleum-based hydraulic fluids : Using highly purified saturated hydrocarbons
- Synthetic polyalphaolefin hydraulic fluids : linear alpha-olefin oligomers (PAO)
- Synthetic ester hydraulic fluids :
    - Neo polyol ester (Neopolyol esters)
    - Fatty acid ester (Di-basic acid esters)
- Synthetic poly-alpha-olefin and ester hydraulic fluid : PAO & Ester mixed use
- Flame retardant hydraulic oil : polyalkylene glycol (PAG)

Product Applications

- Hydraulics system, hydraulic oil, hydraulic fluid medium and high speed industrial machinery,
- Light-Heavy-load bearing oil. Type of gear to the low gear. General industrial machine oil.
- The low temperature and high temperature properties required system,

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Mineral Base Hydraulic Oil Series

Separation	Specific Gravity 15/4℃	Kinematic Viscocity cSt ℃		Flash Point ℃	Viscosity Index	Pour Point ℃	Color ASTM	Application
		40	100					
Dalrija HV 22	0.871	22	4.6	≥210	109	-25	L 1.0	**Petroleum.** Wear resistance. Hydraulics and industrial machinery system, hydraulic
Dalrija HV 32	0.872	32	5.4	≥224	102	-22.5	L 1.0	
Dalrija HV 46	0.873	46	6.5	≥228	102	-22.5	L 1.5	
Dalrija HV 68	0.884	68	8.7	≥236	102	-20	L 1.5	
Dalrija HV 100	0.876	100	11.5	≥242	102	-15	L 1.5	

Synthetic Polyalphaolefins Hydraulic Oil : PAO Basestock

Separation	Specific Gravity 15/4℃	Kinematic Viscocity cSt ℃		Flash Point ℃	Viscosity Index	Pour Point ℃	Color ASTM	Application
		40	100					
Dalrija Syn 32	0.82	30	5.8	≥230	139	-35	L 1.5	**PAO.** Low temperature-high temperature stability, high viscosity index, low volatility, high thermal oxidation stability, hydrolytic stability, non-toxic,
Dalrija Syn 46	0.83	46	8	≥250	146	-35	L 1.5	
Dalrija Syn 68	0.83	68	10	≥260	142	-35	L 1.5	
Dalrija Syn 100	0.83	100	14	≥260	142	-35	L 1.5	

Synthetic Ester Basestock Hydraulic Oil

Separation	Specific Gravity 15/4℃	Kinematic Viscocity cSt ℃		Flash Point ℃	Viscosity Index	Pour Point ℃	Color ASTM	Application
		40	100					
Dalrija PE 32	0.86	32	6.7	≥230	130	-35	L 1.0	**Ester**, a low temperature-high temperature stability, high viscosity index, low volatility, high thermal oxidative stability, low friction coefficient,
Dalrija PE 46	0.87	46	8.6	≥230	130	-35	L 1.5	
Dalrija PE 68	0.87	68	12.0	≥230	140	-35	L 1.5	
Dalrija PE 100	0.87	100	16.0	≥240	140	-35	L 1.5	

Synthetic Polyalphaolefins & Ester Basestock Hydraulic Oil : PAO & Ester

Separation	Specific Gravity 15/4℃	Kinematic Viscocity cSt ℃		Flash Point ℃	Viscosity Index	Pour Point ℃	Color ASTM	Application
		40	100					
Dalrija PE 32	0.86	32	6.7	≥230	130	-35	L 1.0	PAO & Ester Friction, abrasion, excellent sliding property used for high temperature, high pressure, cryogenic, extreme lubrication conditions
Dalrija PE 46	0.87	46	8.6	≥230	130	-35	L 1.5	
Dalrija PE 68	0.87	68	12.0	≥230	140	-35	L 1.5	
Dalrija PE 100	0.87	100	16.0	≥240	140	-35	L 1.5	

PAGs Incombustibility Hydraulic Oil

Separation	Specific Gravity 15/4℃	Kinematic Viscocity cSt 40 ℃	PH	Characteristics and application
Dalrija HF 46	1.05	46	9.5	PAGs,

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