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Classification	Product Name	ISO VG	Appearance	Base Oil	Viscosity Index	Flash Point	Weld Load by Shell Four-Ball Test 1760rpm, 10sec	Approximate Operating Temperature Range	Description	NET, Packing Unit, Code	
Heavy Load	Moly RG Oil	150	Black	Mineral Oil	96	218°C	3,090N	≤+150°C	A gear oil formulated with molybdenum disulfide (MoS <sub>2</sub> ). Especially effective in preventing gear damage, such as pitting and scoring.	4L×2 (Code : 325344) 18L (Code : 325345) 200L (Code : 325349)	
		220			96	218°C				4L×2 (Code : 325444) 18L (Code : 325445) 200L (Code : 325449)	
		320			98	220°C				3,920N	4L×2 (Code : 325544) 18L (Code : 325545) 200L (Code : 325549)
		460			97	228°C				3,090N	4L×2 (Code : 325644) 18L (Code : 325645) 200L (Code : 325649)
	Molyoil F	150	Clear Brown	Mineral Oil	97	225°C	3,090N		≤+150°C	A gear oil formulated with an organomolybdenum compound that is a non-black version of Moly RG Oil.	4L×2 (Code : 320644) 18L (Code : 320645) 200L (Code : 320649)
		220			95	221°C					4L×2 (Code : 320744) 18L (Code : 320745) 200L (Code : 320749)
		320			96	228°C					4L×2 (Code : 320844) 18L (Code : 320845) 200L (Code : 320849)
		460			96	230°C					4L×2 (Code : 320944) 18L (Code : 320945)

Classification	Product Name	ISO VG	Appearance	Base Oil	Viscosity Index	Flash Point	Weld Load by Shell Four-Ball Test 1760rpm, 10sec	Approximate Operating Temperature Range	Description	NET, Packing Unit, Code		
Long Life	Sumigear Oil MO	100	Clear Green-Yellow	Mineral Oil	94	266°C	1,569N	≤+150°C	A gear oil formulated with an organomolybdenum compound. Exhibits stable performance over long periods without generating sludge, a promoter of oxidation degradation, thanks to its excellent oxidation stability.	4L×2 (Code : 315144) 20L (Code : 315146) 200L (Code : 315149)		
		150			96	269°C	1,961N			4L×2 (Code : 315344) 20L (Code : 315346) 200L (Code : 315349)		
		220			95	268°C				20L (Code : 315546) 200L (Code : 315549)		
		320			95	286°C				20L (Code : 315746)		
		460			95	301°C				20L (Code : 315946)		
	Sumigear Oil SO	150	Mineral Oil + Synthetic Oil	111	264°C	1,961N	≤+180°C		A high performance version of Sumigear Oil MO in terms of viscosity stability against temperature change (film retention).	20L (Code : 316346) 200L (Code : 316349)		
		220		122	262°C					20L (Code : 316546)		
		320		133	266°C					20L (Code : 316746)		
		460		141	262°C					20L (Code : 316946)		
	Sumigear Oil PG	150	Clear Yellow	Synthetic Oil	226	270°C			1,569N	≤+180°C	A gear oil formulated with a synthetic oil that boasts excellent viscosity stability against temperature change (film retention) and low oxidation degradation. Exhibits stable performance over a wide temperature range and over a long period. Ideal for worm gears and gears operating under demanding conditions.	18L (Code : 317145) 200L (Code : 317149)
		220			232	264°C			18L (Code : 317345) 200L (Code : 317349)			
		320			246	298°C			1,961N			18L (Code : 317545)
460		258			296°C	18L (Code : 317745) 200L (Code : 317749)						
680		272			286°C	2,452N		18L (Code : 317945) 200L (Code : 317949)				

Classification	Product Name	ISO VG	Appearance	Base Oil	Flash Point	Mixing Rate	Approximate Operating Temperature Range	Description	NET, Packing Unit, Code					
Additives	Molyconc F	100	Brown	Mineral Oil	167°C	10%	≤+150°C	An oil additive containing an organomolybdenum compound. Designed to be added to oils currently in use, the additive can prevent gear damage, such as scoring or pitting.	1L×6 (Code : 311241) 4L×2 (Code : 311244) 18L (Code : 311245) 200L (Code : 311249)					
		320	Red-Brown		168°C				18L (Code : 311545)					
		460		Mineral Oil + Synthetic Oil	168°C				18L (Code : 311745)					
	Molyconc M100	100	Black	Mineral Oil	217°C			10%	≤+150°C	An oil additive containing molybdenum disulfide (MoS <sub>2</sub> ).	1L×6 (Code : 310041) 4L×2 (Code : 310044) 18L (Code : 310045) 200L (Code : 310049)			
	Molyconc Super 100	100			184°C						An oil additive containing molybdenum disulfide (MoS <sub>2</sub> ) and an organomolybdenum compound.	1L×6 (Code : 311041) 4L×2 (Code : 311044) 18L (Code : 311045)		
	Gear Special Oil	460			280°C							5~10%	An oil additive formulated with a high-viscosity, high-flash-point base oil and molybdenum disulfide (MoS <sub>2</sub> ).	1L(Bellows container)×6 (Code : 313141) 1L×6 (Code : 313041) 4L×2 (Code : 313044) 18L (Code : 313045) 200L (Code : 313049)
	Molyconc	—			190°C							1~4%		An oil additive containing molybdenum disulfide (MoS <sub>2</sub> ) in a high concentration. As only a small amount is needed for the additive to be effective, it is ideal for applications involving machines using large amounts of oil, as found in steel cement and other industries, or those associated with a need to avoid a change in the viscosity of the oil currently in use, e.g. A refrigerant oil.



▲For crane hoisting gears.



▲For worm gears.



▲For emergency treatment to deal with problems, such as noise, vibration and heating (applicable to additives).

