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Precision reduction gears RV™  
dedicated lubricant





Precision reduction gears RV™  
dedicated lubricating grease

“RV GREASE LB00” unlocks  
the true potential of the precision  
reduction gear RV.

RV™  
**GREASE**  
**LB00**

RV GREASE LB00 has high-lubricating performance over a wide operating condition range including temperature, speed and load. This has been achieved by applying special additives and high-grade base oil.

Compared to the existing grease, RV GREASE LB00 has excellent low temperature performance, reducing input torque



Precision reduction gears RV™  
dedicated lubricating oil

“RV OIL SB150” provides both  
high lubricating performance  
and oil exchangeability.

RV™  
**OIL**  
**SB150**



Although the two requirements are usually conflicting, RV OIL SB150 has achieved well-balanced high lubrication properties and oil exchangeability by utilizing optimized additives together with high grade base oil. You can rest assured it can be used with any precision reduction gear RV without any disadvantages.

Test items		Test method	RV GREASE LB00
Thickener		—	Lithium soap
Base oil		—	Synthetic hydrocarbon oil, Mineral oil
Base oil kinematic viscosity (40°C), mm²/s		JIS K 2220 23. ASTM D 445	71.8
Appearance		—	Yellowish brown,buttery
Worked penetration		JIS K 2220 7. ASTM D 217	410
Dropping point, °C		JIS K 2220 8. ASTM D 566	188
Oxidation stability (99°C, 100 h), kPa		JIS K 2220 12. ASTM D 942	10
Working stability		JIS K 2220 15. FTMS 791C-313	427
Low-temperature torque (-30°C), mN, m	Starting torque	JIS K 2220 18. ASTM D 1478-63	140
	Running torque		30
Four-ball EP, N	L.N.S.L. W.P. L.W.I	ASTM D 2596	1569 3089 647

These values are typical properties and we cannot guarantee the applicability of this information in service.

Test items		Test method	RV OIL SB150
Base oil		—	Synthetic hydrocarbon oil, Mineral oil
Base oil kinematic viscosity (40°C, 100°C), mm²/s		JIS K 2220 23. ASTM D 445	158 (40°C) 19.4 (100°C)
Viscosity Index		JIS K 2283	140
Appearance		—	Green
Flash point, °C		JIS K 2265-4	260
Rust-preventing characteristic (60°C, 24h)		ISO 7120 JIS K 2510	pass
Corrosiveness to copper (100°C, 3h)		ISO 2160 JIS K 2513	1a
Foaming characteristic (seq-I, 24°C) , mL/mL		ISO 6247 JIS K 2518	0/0
Four-ball EP, N	L.N.S.L. W.P. L.W.I	ASTM D 2783	981 1961 410

These values are typical properties and we cannot guarantee the applicability of this information in service.