

■ 潤滑油之選定 Selection of Lubricant Oil

適當潤滑油的黏度，須使齒輪磨擦容易，遇高負荷及衝擊負荷時，減速機才能充分發揮其機能。下表即 "利明牌" 減速機潤滑油的選定：

Proper viscosity of lubricant is contributive to ease the friction of gears, so the speed reducer can fully apply its function in the case of high load or impact load. The table below shows the selection of lubricants for LIMING speed reducers:

荷重 (Load)	中國石油國光牌極壓機油 CPC E.P. LUBRICANT					SHELL OIL	MOBIL OIL	ISO VG
	Grade No.	黏度 (Cst) Viscosity		流動點 Pour Point	閃火點 Flash Point			
		40°C	100°C					
普通荷重 Common Load	HD-150	143.6	14.38	-18°C	264°C	OMALA OIL 150	MOBIL GEAR 629	ISO VG EP 150
	HD-320	310.5	23.7	-18°C	290°C	OMALA OIL 320	MOBIL GEAR 632	ISO VG EP 320
	HD-460	440.4	29.8	-18°C	310°C	OMALA OIL 460	MOBIL GEAR 634	ISO VG EP 460
超荷重 Heavy Load	HD-320	310.5	23.7	-18°C	290°C	OMALA OIL 320	MOBIL GEAR 632	ISO VG EP 320
	HD-460	440.4	29.8	-18°C	310°C	OMALA OIL 460	MOBIL GEAR 634	ISO VG EP 460
	HD-680	656.2	38.68	-12°C	316°C	OMALA OIL 680	MOBIL GEAR 636	ISO VG EP 680

注意事項

- ◆ 本公司出廠減速機，使用 ISO VG 460 的極壓機油。
- ◆ 最初使用 300 小時後，洗淨內部、換上新油以後每 2500 小時換油。
- ◆ 在高速、高溫、低速、重荷重、強制潤滑等特殊情況下使用場合，請與本公司洽商。
- ◆ 潤滑油不足可能導致噪音和齒輪快速磨損。
- ◆ 潤滑油過多可能導致漏油。
- ◆ 請加入適當潤滑油至油量計一半以上 (請參考油量表)。
- ◆ 請檢視油鏡，如油品已經變黑混濁或異味，請更換油品。

Notice

- ◆ LI MING speed reducers use ISO VG 460 lubricant oil.
- ◆ After initial 300 hours of use, clean the internal part and replace with new lubricant; then, do it every 2500 hours.
- ◆ If use in the special conditions of high speed, high temperature, low speed, heavy load, and forced lubrication, please contact the company.
- ◆ Could cause noise and fast abrasion of gears.
- ◆ Excessive lubricant could result in leakage.
- ◆ Please feed proper lubricant above half of the oil meter (see oil gauge).
- ◆ Refill the lubricant if it is deteriorated.

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