

Recommended Oils and Greases

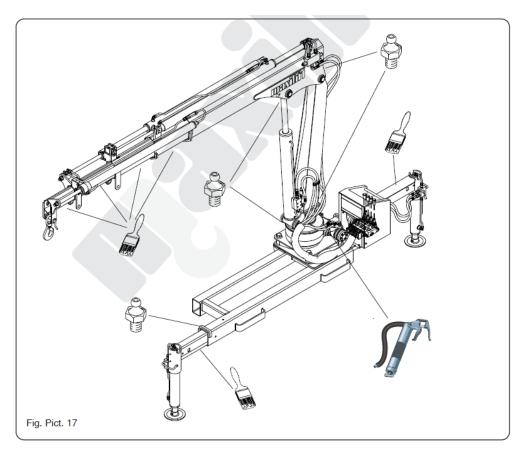
Product:	All	Document No.	ТЅ-025-В
Revision Date:	04/04/2025	Revision No.	В
Relevant Models / Variants / Serial Numbers:		All Models as Listed	

Listed below are the manufacturers recommended Oils and Greases for all products. Always consult the manufacturers manuals for correct servicing procedures, service intervals and recommended serviceable consumables.

Below is the recommended grades of oils for the general climate in Australia. Always consult the manufacture regarding extraordinary climates and working conditions.

Note: If replacing, or topping up oil level, always confirm the grade of oil which is previously used in hydraulic system. If a different grade is being used, the entire system must first be flushed as to not cross-contaminate different grades / types of hydraulic oil.

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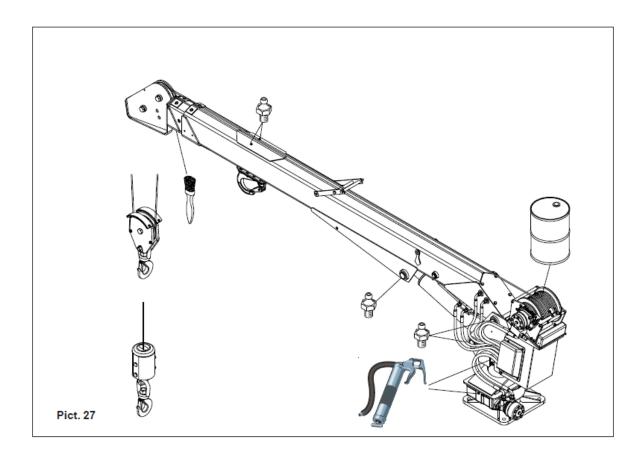
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Lubricant Type	Grade	
Hydraulic Oil	ISO 46	
Winch Gearbox	HLP ISO VG 46	
General Grease	MP / EP2	
Slew Gear Grease	WINN'S GS-80 / MOBILTAC-D / ESSO EDO-501	

Cobra

Lubricant Type	Grade
Hydraulic Oil	ISO 46
Winch Gearbox	HLP ISO VG 46
General Grease	EP2
Slew Gear Grease	WINN'S GS-80 / MOBILTAC-D / ESSO EDO-501



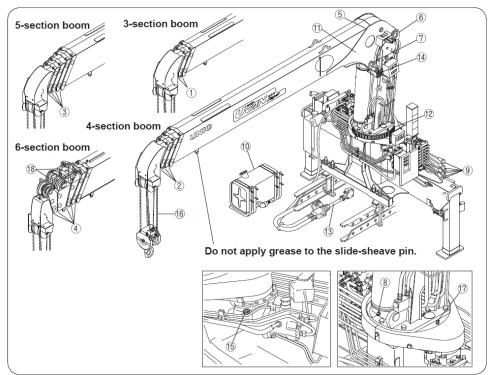
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Unic

Lubricant Type	Grade
Hydraulic Oil	ISO 46
Winch Gearbox Oil	15W-40
Slew Gear Oil	API Service GL-4 Gear Oil (Chevron Thuban GL4 90 / Shell Spirax EP90)
Molybdenum Grease	NLGI No.2
Chassis Grease	NLGI No.2

◆2. Lubrication chart



Service interval	Part to be lubricate	No. of part	Lubricant	Tool
Daily	(DBoom slide plate (Underside/sides of boom sections (2), (3)) 3-section boom	2	Molybdenum grease	Manual application
	②Boom slide plate (Underside/sides of boom sections ②, ③, ④) 4-section boom	3	Molybdenum grease	Manual application
	③Boom slide plate (Underside/sides of boom sections ②, ③, ④, ⑤) 5-section boom	4	Molybdenum grease	Manual application
	(4)Boom slide plate (Underside/sides of boom sections (2), (3), (4), (5), (6) 6-section boom	5	Molybdenum grease	Manual application
	(5)Boom slide plate (Upper side of boom section (1))	2	Molybdenum grease	Grease pump
	6 Boom foot pin	1	Chassis grease	Grease pump
	⑦Upper support pin of derrick cylinder	1	Chassis grease	Grease pump
	(8) Lower support pin of derrick cylinder	1	Chassis grease	Grease pump
	Ocontrol lever (pins on both sides and bearing)	2	Chassis grease	Manual application
	@Oil tank (59L)	1	Hydraulic oil (up to middle of level gauge)	
Weekly	@Winch drum gear	1	Chassis grease	Grease pump
	⁽²⁾ Slewing gear (to gear-teeth)	1	Chassis grease	Manual application
	⁽³⁾ Propeller shaft	3	Chassis grease	Grease pump
Monthly	@Winch reduction gear(approx.1.0L)	1	Gear oil	
	(5)Slewing reduction gear(approx.1.2L)	1	Gear oil	
	16Wire rope	1	Rope grease	Spray gun
	[®] Slewing bearings	2	Chassis grease	Grease pump
	®Wire rope for boom extension		Rope grease	Spray gun

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HIAB

NOTE : DO NOT USE MOLYBDENUM GREASE ON HIAB CRANES

Lubricant Type	Grade	
Hydraulic Oil	ISO 46 - See below for temperature specific grade	
Slew Gear Oil	Hypoid Oil – API GL-5 / SAE J2360 – SAE-80W-90	
Grease	Lithium Based Grease with EP additives – BP LS EP2 / ESSO UNIWAY EP2	
Glease	N	
	Image: Window of the set	
	Lubricate after every 50 hours of use.	
} -		
)	Lubricate after every 16 hours of use.	
	Lubricate every 3 months. If the hoist is used less frequently than 3 months, lubricate before every use.	

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Effer Space

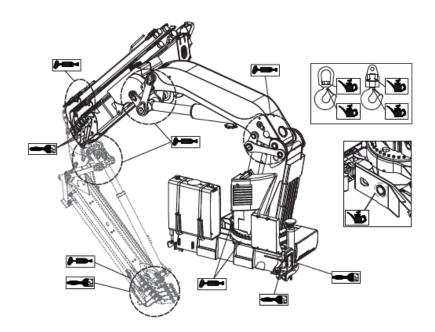
NOTE : DO NOT USE MOLYBDENUM GREASE ON EFFER SPACE CRANES

Lubricant Type	Grade	
Hydraulic Oil	ISO 46 - See below for temperature specific grade	
Slew Gear Oil	Hypoid Oil – API GL-5 / SAE J2360 – SAE-80W-90	
Grease	Lithium Based Grease with EP additives – BP LS EP2 / ESSO UNIWAY EP2 N	
/	Lubricate after every 16 hours of use.	
	Lubricate after every 16 hours of use. Lubricate every 3 months.	
	If the hoist is used less frequently than 3 months, lubricate before every use.	

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Effer Progress	
Lubricant Type	Grade
Hydraulic Oil	ISO 46 - See below for temperature specific grade
Slew Gear Oil	SAE 90 for ambient temp above 20 degree Celsius
Molybdenum Grease	Only for use on bronze made components
Lithium Based Grease	AGIP MUEP2 or equivalent for booms, Jib and Stabiliser Extensions
General Greasing	Milex 2 (NILS) or grease type NILS ATOMIC RH
Winch	ISO 46



	ISO VG 32	ISO VG 46	ISO VG 68
Examples	Tellus S2 V32	Shell TELLUS T 46	Mobil SHC 526
	Super 32	Texaco RANDO HDZ46	
	Hydrol L-HV 32	Agip ARNICA 46	
Where to use them			
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Tommy Gate

Lubricant Type	Grade
Hydraulic Oil	ISO 32