

**S-15m LASER SCREED®**  
**Scheduled Lubrication & Maintenance**

<b>SERVICE ITEM</b> Perform at every indicated month or operating hour interval, whichever comes first.	<b>SERVICE INTERVAL IN MACHINE HOURS</b>	<b>PAGE REFERENCE IN MANUAL</b>	<b>LUBRI- CANT</b>
Check engine oil level	Each Use	Engine Manual	EO
Change engine oil/filter (once after 50 hrs.)	Every 3 months or 250 hrs.	Engine Manual	EO
Clean oil cooler core exterior	Every 10 hrs.		
Check fuel level	Each use		
Drain fuel water separator	Every 10 hrs.	C.40.7	
Check fuel hoses & connections	Every 100 hrs.		
Replace fuel filter	Every 500 hrs.	C.40.7	
Replace fuel hoses & clamps	Every 2000 hrs.		
Check fan belt tightness	Every 500 hrs.	Engine Manual	
Inspect fan belt	Every 3 months or 250 hrs.	Engine Manual	
Check hydraulic oil level	Each use		HYDO
Change hyd. oil filter (return line)	Check Visual Indicator	C.40.3	
Inspect hydraulic hoses for wear	Every 500 hrs.		
Change hydraulic oil in reservoir	Every 2000 hrs.	C.40.3	HYDO
Replace primary air filter element	On notification from Display	C.40.4	
Replace secondary air filter element	Every 3rd time that primary filter is changed or as needed	C.40.4	
Check coolant level	Each use	Engine Manual	
Inspect fan	Each use	Engine Manual	
Check cooling system	Every 500 hrs.	Engine Manual	
Flush cooling system	Every 2000 hrs.	Engine Manual	
Inspect main electrical cables	Every 100 hrs.		
Check Auger*	Each Use		
* Flip the auger end-for-end when the right side wears 1/8" beyond that of the left side.			
* Flip the auger when the height is less than 1-1/8". (Normal height of the auger is 1-7/8")			

<p>Definitions:    EO - Engine Crankcase Oil                        HYDO - Hydraulic Oil                        MPGM - Multipurpose type grease with molybdenum disulfide                        OGL - Open Gear Lubricant</p>
--

## S-15m LASER SCREED® Scheduled Lubrication & Maintenance

SERVICE ITEM Perform at every indicated month or operating hour interval, whichever comes first.	SERVICE INTERVAL IN MACHINE HOURS	PAGE REFERENCE	LUBRI- CANT
Check boom drive chain tightness	Every 100 hrs.	C.40.5	
Lubricate boom drive chain	Every 100 hrs.		OGL
Check boom hydraulic hoses	Every 250 hrs.	C.40.6	
Grease fittings	See Grease Fittings Chart	C.30.1	MPGM
Check oil in drive hubs	Every 500 hrs.	C.40.1	OGL
Change oil in drive hubs	Every 2000 hrs.	C.40.1	OGL

Definitions:      EO - Engine Crankcase Oil  
                          HYDO - Hydraulic Oil  
                          MPGM - Multipurpose type grease with molybdenum disulfide  
                          OGL - Open Gear Lubricant

# S-15m LASER SCREED®

## Lubricant Specifications

Lubricant abbreviations used are in accordance with SAE J754a. Oil classifications are in accordance with SAE J183.

**ENGINE OILS:** Use engine oils with an API classifications of SF or SD. New machines are supplied with, and we recommend the use of, engine oil equivalent to SAE 10W30.

Refer to your engine manual for additional engine oil information and requirements.

**HYDRAULIC OILS: (HYDO)** Chevron Rykon Premium Oil MV, 15.0 gallons (57 L).

**LUBRICATING GREASE: (MPGM)** Use grease which contains 3-5% molybdenum disulfide for all grease points.

## CAPACITIES

### APPROXIMATE FLUID CAPACITIES:

<b>System</b>	<b>Capacity</b>
Engine crankcase	1.6 gallons (6 L)
Hydraulic tank	15.0 gallons (57 L)
Fuel tank	12.0 gallons (45 L)

This page  
intentionally  
left blank