

**Tanjung Jati B Expansion Project**  
**179956.67.0402**  
**Bucket Wheel Stacker Reclaimer**  
**Mechanical Operation and Maintenance Manual**



### 5.3.1.5 Isolation Guidelines

For inspection of the slew drive arrangement, personnel must remain at a safe distance from the machine. For other activities that involve contact with the machine, such as taking measurements, tightening bolts, cleaning, routine servicing or component change-out, an isolation procedure shall be carried out. For work on the slew drive unit, the drive should be isolated along with the luff cylinder hydraulic power unit and boom conveyor drive unit.

If a component change-out is to be undertaken, then the long travel drives shall also be isolated.

### 5.3.2 Slew Drive Gearbox

#### 5.3.2.1 Description

The slew drive gearbox is part of the slew drive arrangement described in section 5.3.1.

#### 5.3.2.2 Technical Data

##### Machine Drawings:

Refer to Appendix Drawing

PROJECT DOCUMENT NO.	SUPPLIER DWG/DOC NO.	DWG/DOC TITLE
TJB56-L3-OFF-C-EAD-M-DGA-0301	G340005490	SLEW DRIVE UNIT

#### 5.3.2.3 Maintenance Tasks

SLEW DRIVE GEARBOX			
MAINTENANCE TASK	RECOMMENDED INTERVAL	ISOLATION REQUIRED	REMARKS
INSPECTION			
Monitor gearbox in operation	Every week	No	Refer 5.3.2.4
Check for oil leaks	Every week	No	Refer 5.3.2.4
Check gearbox oil level	Every month	No	Refer 5.3.2.4
Check for loose fasteners and tighten	Every 6 Months	Yes	Refer 5.3.2.4
SERVICING			
First oil change after start up	100 hours	Yes	Refer 5.3.2.4
Subsequent oil changes	Sooner of 2500 hours or 12 months	Yes	Refer 5.3.2.4
Clean air breather filter	At oil change	Yes	Refer 5.3.2.4