

4-segment reel (tension reel)

Maintenance**7 Maintenance**

Target groups O, E, M, C



Definition of the target groups:

- Operating Instructions *General*,
Chapter *Introduction/target groups*.



Observe the following information:

- Operating Instructions *General*,
Chapter *Safety*,
Chapter *Maintenance*,
- *Subsuppliers'* Operating Instructions,
- *Electrical Equipment* Operating Instructions.

7.1 Maintenance schedule

Area	Inspection	Action	OC	TI
General	▪ Fastening	▪ Fasten	P	Y
	▪ Damage (condition)	▪ Replace ▪ Repair	P	M
	▪ Function	▪ Repair	N	S
	▪ Unusual noises	▪ Eliminate the cause	N	M
	▪ Wear of the segments	▪ Replace ▪ Repair	P	Y
	▪ Check wedge surfaces of mandrel for wear	▪ Replace ▪ Repair	P	6M
	▪ Contamination	▪ Clean	P	M
Guide	▪ Function	▪ Adjust clearance ▪ Replace	R	Y
	▪ Wear of the sliding plates	▪ Replace ▪ Repair	P	6M
Bearing assembly (antifriction bear-	▪ Function	▪ Adjust clearance ▪ Replace	R	3M

Maintenance

Area	Inspection	Action	OC	TI
ings)				
	▪ Lubrication system	▪ Top up ▪ Adjust ▪ Adapt	P	3M
	▪ Bearing temperature < 80°	▪ Repair	N	W
Fluid line, fluid connection	▪ Leaks	▪ Replace ▪ Repair	P	M
	▪ Volumetric flow rate	▪ Set volumetric flow rate	N	M
Hollow shaft, bushes	▪ Contamination	▪ Clean	P	6M /Y
	▪ Wear of the bush	▪ Repair ▪ Replace when wear >0.2 mm	P	Y
	▪ Wear of the toothing	▪ Smoothen thoroughly	P	Y
Coupling (motor coupling)	▪ Function	▪ Adjust clearance ▪ Replace ▪ Observe supplier's instructions	R	Y
	▪ Lubrication system	▪ Adjust ▪ Adapt	P	6M
	▪ Leaks	▪ Replace ▪ Repair	N	3M
Brake	▪ Check brake for damage after an unexpected braking process during rolling!	▪ Observe supplier's instructions	N	M
Gear unit	▪ Function	▪ Replace ▪ Repair	N	S
	▪ Lubrication system	▪ Top up ▪ Adjust ▪ Adapt	N	D
Toothing	▪ Wear	▪ Check lubrication	R	3M
	▪ Contact pattern	▪ Contact the manufacturer's		

4-segment reel (tension reel)

Maintenance

Area	Inspection	Action	OC	TI
		service department		
Cylinder	▪ Function	▪ Replace ▪ Repair ▪ Set speed	N	S
	▪ Bearing assembly	▪ Fasten ▪ Replace ▪ Repair	P	Y
	▪ Seal	▪ Replace ▪ Repair	P	3M
Strip gripper segment	▪ Function	▪ Replace ▪ Repair	P	W
	▪ Leaks	▪ Replace ▪ Repair	P	M
	▪ Wear of the bending ledge		P	6M

Operating condition (OC)

N	Normal operation (production)
P	Stop (maintenance, troubleshooting)
R	Repair

Time interval (TI)

S	every shift (8 hours)
**D	every day (24 hours)
**W	every week
**M	every month
**Y	every year
**) Intervals combined with numbers signify for example: 2D= every two days, or 3M= every three months	