

OIL SAMPLE Ref.	EQUIPMENT ID	Stated Oil Type	Actual viscosity cSt	Change oil	Flush System	Resample	Inspect Unit	Sample date	ISO 4406	Results and Recommendations	ACTION TAKEN	GRAPHS COLUMN
ABCD 34 / 38808	S1 Slit Trim Gearbox	Omala 220	157	YES	YES			25-Jan-15	24/23/18	Further increase in Iron to above normal. Change oil and inspect unit for damage. See Graph.		FE
ABCD 32 / 19805	S1 Tenter Oven Control side Gearbox	Omala 220	224	Yes	Yes		Yes	25-Jan-15	23/22/17	Abnormal wear remains. Change oil and inspect unit for damage. See graph.		Fe
ABCD 33 / 19806	S1 Tenter Oven Non-Control side Gearbox	Omala 220	232	Yes	Yes		Yes	25-Jan-15	23/21/16	Abnormal wear present. Change oil and inspect unit for damage. See graph.		Fe, Al, Cu, Si
ABCD 35 / 19807	S1 Coater Gearbox	Omala 220	217	Yes	Yes		Yes	25-Jan-15	23/22/18	Abnormal wear remains. Change oil and inspect unit for damage. See graph.		Cu, Sn, Pb
ABCD 21 / 38800	S1 Extruder Gearbox	Omala 220	180			YES		25-Jan-15	22/21/19	Increase in wear metals detected. Re-sample after 1 month for additional analysis. See Graph.		FE
ABCD 26 / 19804	S1 MDO Preheat 1 Gearbox	Omala 220	206	Yes	Yes			25-Jan-15	23/22/19	Water present. Critical. Change oil and look for source of ingress.		
ABCD 37 / 19808	S1 Turret Winder "A" Gearbox	Omala 220	220	Yes	Yes		Yes	25-Jan-15	22/21/15	Increase in wear metals detected. Recommend drain, flush, and inspect unit for damage.		Fe, Al
ABCD 20 / 38799	S1 Blender Gearbox	Omala 220	206					25-Jan-15	23/21/16	ISO cleanliness above target. Wear present but not critical. Continue in service.		
ABCD 22 / 38801	S1 Melt pump Gearbox	Omala 320	335					25-Jan-15	-	Wear present but not critical. Continue in service.		
ABCD 23 / 38802	S1 MDO Casting 1 Gearbox	Omala 220	170					25-Jan-15	21/19/17	ISO cleanliness above target. No wear. Continue in service and monitor at next sample.		
ABCD 24 / 38803	S1 MDO Casting 2 Gearbox	Omala 220	199					25-Jan-15	21/18/15	ISO cleanliness marginally above target. Wear present but not critical. Continue in service.		
ABCD 25 / 38804	S1 MDO Casting 3 Gearbox	Omala 220	177					25-Jan-15	22/21/19	Increase in Iron detected. Monitor at next sample. See Graph.		FE
ABCD 36 / 38807	S1 Turret Winder Index Gearbox	Omala 220	183					25-Jan-15	22/20/16	ISO cleanliness above target. Wear present but not critical. Continue in service.		
ABCD 38 / 38809	S1 Turret Winder "B" Gearbox	Omala 220	171					25-Jan-15	22/22/21	ISO cleanliness above target. Wear present but not critical. Continue in service.		
ABCD 39 / 38810	S2 Extruder Gearbox	Omala 220	203					25-Jan-15	23/23/22	Increase in Iron detected. Monitor at next sample. See Graph.		FE
ABCD 40 / 38814	S2 Orienter Hydraulic Power Pack	Tellus 46	61					25-Jan-15	22/20/17	ISO cleanliness above target. Wear present but not critical. Check filters. Monitor at next sample.		
ABCD 42 / 38811	S2 Extruder Distribution Gearbox	Omala 220	169					25-Jan-15	22/20/17	ISO cleanliness above target. Wear present but not critical. Check filters. Monitor at next sample.		
ABCD 43 / 38812	S2 Turret Winder Gearbox	Omala 220	197					25-Jan-15	20/18/17	Wear remains present. Continue in service. See Graph.		FE, CU
ABCD 44 / 38816	S2 Turret Winder Hydraulic Power Pack	Tellus 46	46					25-Jan-15	22/21/18	ISO cleanliness above target. No wear. Continue in service and monitor at next sample.		
ABCD 45 / 38817	S1 Dusenbery Slitting Machine Hydraulic Power Pack	Tellus 46	53					25-Jan-15	23/22/18	ISO cleanliness above target. No wear. Continue in service and monitor at next sample.		

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ABCD 47 / 38819	SR1 Screenchanger Hydraulic Power Pack	Tellus 46	41					25-Jan-15	23/22/21	ISO cleanliness above target. No wear. Continue in service and monitor at next sample.		
ABCD 48 / 38813	SR1 Extruder Gearbox	Omala 220	184					25-Jan-15	22/21/17	ISO cleanliness above target. No wear. Continue in service and monitor at next sample.		
ABCD 50 / 38821	Guillotine Hydraulic Power Pack	Tellus 46	38					25-Jan-15	22/21/18	ISO cleanliness above target. No wear. Continue in service and monitor at next sample.		
ABCD 51 / 38822	S1 Tenter Oven Chain Tensioner Hydraulic Power Pack	Tellus 68	62					25-Jan-15	21/20/18	ISO cleanliness above target. No wear. Continue in service and monitor at next sample.		
ABCD 41 / 38815	S2 Screenchanger Hydraulic Power Pack	Tellus 46	47					25-Jan-15	19/17/14	ISO cleanliness marginally above target. No wear. Continue in service and monitor at next sample.		
ABCD 46 / 38818	S1 Dusenbery Slitting Machine Edge Guide Hydraulic Power Pack	Tellus 46	52					25-Jan-15	18/17/14	ISO cleanliness marginally above target. No wear. Continue in service and monitor at next sample.		
ABCD 49 / 38820	S2 Dusenbery Slitting Machine Edge Guide Hydraulic Power Pack	Tellus 46	47					25-Jan-15	18/15/12	Continue in service.		
ABCD 52 / 38823	S1 Screenchanger Hydraulic Power Pack	Tellus 68	50					25-Jan-15	19/17/13	ISO cleanliness marginally above target. No wear. Continue in service and monitor at next sample.		
ABCD 30 / 38806	S1 MDO Anneal Gearbox	Omala 220	189					25-Jan-15	22/21/18	ISO cleanliness above target. Wear present but not critical. Continue in service.		
ABCD 31 / 38805	S1 Tenter Oven Main Gearbox	Omala 220	207					25-Jan-15	21/18/15	ISO cleanliness marginally above target. Wear present but not critical. Continue in service.		