

CASE	STATUS	ACTION
Case-1	There is no leakage on lubricators, no abnormal wear on cylinder liners however Owner wants to check lubrication system.	Health check of system recommended. Health check including: <ul style="list-style-type: none"> • Feed rate check and adjustment. • Timing check. • Heater check. • Alarm functions check. • Actual cylinder lubrication checks inside of cylinder liner.
Case-2	Actual lubrication oil consumption match with theoretical calculation of feed rate adjustment, however there is some leakage on sight glass or rotating shafts etc. This situation happens if O-rings & seals hardened.	Additional to health check, below overhaul can be done: <ul style="list-style-type: none"> • Replacing the O-rings, seals gaskets. REMARK: <ul style="list-style-type: none"> • Depending the number of cells on the lubrication glass, recommend to make sure there is spare glass before removal of the old one. Especially 21 pc cell lubricators which is long type, in course of time, sight glass deformed (bent) and once you remove the glass it is not possible to put back without crack. It is rare case but to be considered. If 6 cells type, no problem to remove.
Case-3	Actual lubrication oil consumption do not match with theoretical calculation of feed rate adjustment.	This happen if some of the check valves not functioning properly or there is wear on the lubricator pumps (Pistons-liners). In this case additional to case 1 and 2, complete overhaul to be done. This can be done by two different way, testing each cell and just replace check valves or pumps which is defective, or replace all check valves and pumps which is much more expensive. FYI, since pumps and check valves working in oil, case-3 is very rare happening.