

## Hyster

In order to help prevent the need for expensive lift truck repairs, it is recommended to inspect the front end of your lift truck regularly as part of your daily and even pre-shift inspection. By catching any problems in advance or as they happen, you can also help avoid damage to any cargo as well. The following includes some of the general guidelines on what specific stuff to check during frequent inspections of your material handling fleet.

### Forks

It is essential to frequently inspect the forks because if they are cracked or worn out, they could probably fail without warning. Any kind of fork damage means that your forklift must instantly be removed from service until it is safe and repaired once more. Visually check your forks for any noticeable indications of wear or damage. If the cracks run deeper than on the surface, replace them. Any wear on the forks beyond 10 percent is another indication that you must replace the forks.

### Mast

The mast should ideally tilt forward and backward while being able to move up and down. You may need to grease the mast strip sliding surfaces and fittings if you find that the sliding surfaces are binding. On the inner mast there is a fitting situated on each side. The lift bracket side rollers are another lubrication point and there is also one on each side roller. Once the lubricating has been done, raise and lower the mast and also tilt it backward and forward a few times in order to make sure that the lubricant is worked into the fittings properly.

### Tilt Cylinders

Uncontrolled mast movement can be a result of oil leakage; hence, your inspection should include checking for oil leaks and for damage. Whether the leaks are located inside of the cylinder or are external, the end result may be loss of fluid and cylinder drift. If there are any signs of leaks or damage, you may have to replace the whole cylinder assembly, or just the seals.

### Chains

The mast chains have to be inspected to see if they are being stretched beyond their acceptable limits. Also, check the chain wear gauge or check the chains for indications of damage. If wear is present beyond 2 percent, replace the chain. Also replace it if the chain appears kinked or rusted. The sheave bearings and the chain rollers also need to be checked for indications of wear.

The mast lift chain will usually wear at the pin-to-link connections. You could experience chain failure if you notice wear. This can end up damaging front end parts or even the product. If you require help determining what precisely to check on your forklifts or if you do not have time on hand to perform frequent fleet inspections, just call your local forklift dealer. Their skilled service technicians will help you perform PM or planned maintenance checks based on your application needs and scheduling.