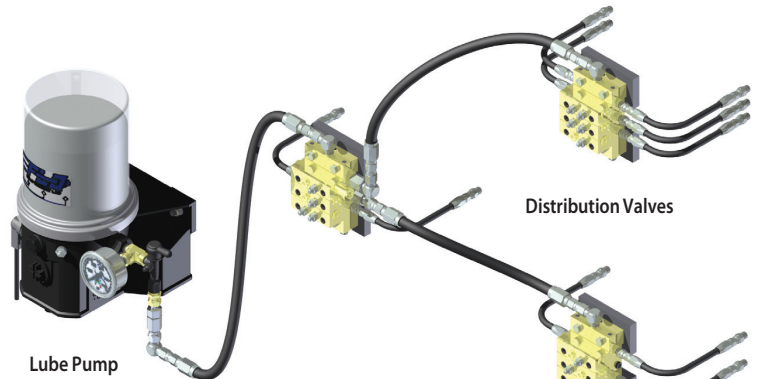


AUTOMATIC LUBE SYSTEM FOR UNDERGROUND MINING

TYPICAL SYSTEM LAYOUT

The FLO Components System for an underground mining load-haul-dump (LHD) loader consists of a 12/24 Series 203 pump (typically mounted on operator deck behind the cab or on the fender, for ease of visual monitoring and service), UV positive displacement grease metering valves, fittings, tubing, hose custom guarding and in-cab monitoring. Reservoirs range from 5 - 15 lbs and incorporate a stir paddle and low level alarm.

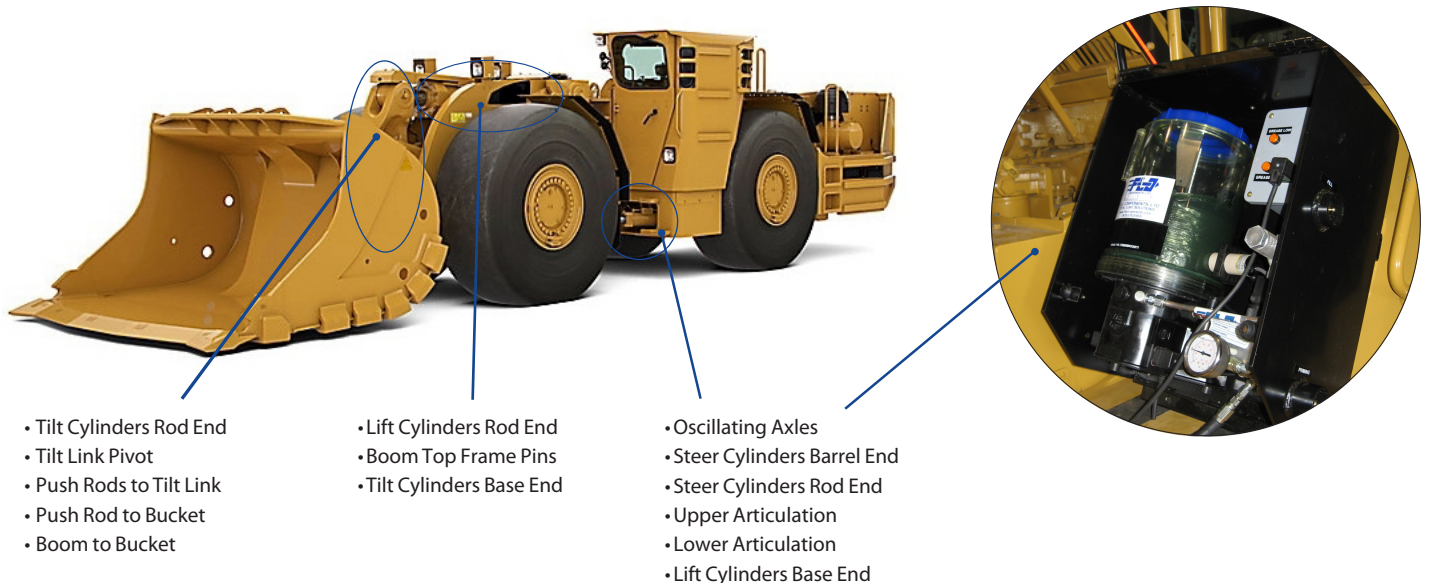


System features:

- High pressure, manual back-up grease fittings on every metering valve allows for easier trouble-shooting, servicing, priming and flushing of grease lines.
- A high-pressure, inline, lubricant filter (complete with cleanable/re-usable filter screen) prevents the introduction into the distribution lines of contaminants that can cause system failure and costly component replacement and labour costs.
- A pressure gauge allows for visual monitoring of system pressure during regular maintenance inspections and is a key indicator of a problem if the system shuts down.
- The FLO lubrication system is suitable for most off-the-shelf North American greases and will handle lubricants up to an NLGI #2 rating to -25°C or -13°F.

FLO Systems are found on a wide variety of underground mining machines, including articulated trucks, drills, jumbos, utility vehicles and more.

RELIABLE & FULLY AUTOMATIC PROTECTION OF ALL CRITICAL WEAR POINTS



- Tilt Cylinders Rod End
- Tilt Link Pivot
- Push Rods to Tilt Link
- Push Rod to Bucket
- Boom to Bucket

- Lift Cylinders Rod End
- Boom Top Frame Pins
- Tilt Cylinders Base End

- Oscillating Axles
- Steer Cylinders Barrel End
- Steer Cylinders Rod End
- Upper Articulation
- Lower Articulation
- Lift Cylinders Base End

Components by: **SKF** **LINCOLN**

**For Total Lube Solutions,
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