



Clean and leak-free hydraulic systems

- *It's our mission*

HYDRAULICS





Clean and leak-free hydraulic systems

- It's our mission

"Approximately 75% of all hydraulic system failures are related to dirt of some kind." (Industrial Technology)



Where does leakage occur and where does dirt enter hydraulic systems?

There Are Two Main Sources:

- Poppet valve-type quick connect couplings
- 5-200 ml (0.17-6.8 oz.) spillage during each disconnection
 - Cleanliness is difficult to maintain
 - Dust caps are not used or are used incorrectly
- Threaded fittings
- Correct torque is difficult to achieve
 - Vibrations unscrew the fittings



TLX Series

- The Super-Duty connector with extremely high resilience to surge flows...
 - The Super-Duty connector that handles the pressure impulses...
 - The Super-Duty connector with pure and simple robustness...
- ...designated for the toughest construction and demolition applications

Should we replace all of our screw fittings with WEO Plug-In Fittings? (OEM)

As a general rule, no. CEJN WEO Plug-In fittings are a problem solver, not an overall replacement for screw fittings. Start by using them in applications in which traditional screw fittings have resulted in specific problems such as leakage because of unscrewing, premature hose failures, assembly problems, etc. As you see the important benefits of WEO Plug-In, no doubt you will want to replace more screw fittings with them.



X-Series

- Minimize Contamination of your Hydraulic system
- Spill free disconnection
- High performance



How can I avoid contamination and leakage in my hydraulic system so that I can reduce maintenance costs and downtime, increase the service life of the system and protect the environment?

"CEJN has with its hydraulic range decided to work hard to promote and supply Plug-In fittings and quick connect couplings for clean and leak free hydraulic systems. The core product ranges in this mission are the X-series, Multi-X, TLX and WEO Plug-In. Although today's advanced hydraulic systems place high demands on cleanliness, outdated ISO-A poppet valve-type couplings are still being used on many modern machines. Consequently, a high volume of hydraulic oil is spilled at disconnections worldwide every day resulting in hefty cleanup and replacement oil costs. Subsequently, contaminants can

enter the hydraulic system during connection, reducing the service life of the components as well as the overall system. As an example: A CEJN customer previously plagued with oil spill and leakage on a 14-ton excavator. Since the poppet valve-type couplings routinely spilled at disconnection, over 200 liters (53 gallons) of replacement oil were needed annually for the machine! By using CEJN Flat-Face quick connect couplings the customer improved performance and effectiveness and by saving the 200 liters of oil he got the pay-off quickly."



Multi-X

- Compact design
- Great flexibility and high performance
- Easy and ergonomic to Maneuver - perpendicular lever movement
- Connect with residual pressure

WEO Plug-In

- Downtime, installation time dramatically reduced
- Easy to connect and disconnect
- No follow-up tightening needed
- Minimum space requirement enables new system designs
- Longer hose life
- Easy to service
- Work injuries associated with connection/disconnection are eliminated



QR code Hydraulics



<http://www.cejn.com/Products/Hydraulics/>

QR code WEO Plug-In



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The Quick Connect
Solution Provider

