

## Checklist prior to the introduction of E10 Fuels into Service Station Storage Tanks

This Technical Information Sheet is intended to provide guidance to service station operators during the transition to E10 petroleum spirit.

### Checklist

- Check the condition of fuel storage tanks and any lining material and confirm that they are compatible.
- Inspect tanks for cleanliness and signs of water ingress. Clean tanks to remove any sludge if necessary.
- Check the condition of underground pipes for signs of permeation or leaks.
- Check the condition of all seals and gaskets. Verify material compatibility and replace as required.
- Confirm material compatibility for ancillary equipment such as dispensers, pumps, tank gauging systems, and vapour recovery units.
- Check filters throughout the system to ensure that they are in good condition. Clean or replace as required.
- Confirm compatibility of the spill containment interceptor system.
- Ensure that appropriate signage and pump labelling is in place.
- Review and update site documentation and processes as necessary.
- Undertake appropriate staff training including, for example, where to direct customers to obtain information about E10 fuel.

For further information on material compatibility, see the EID/FA Research report: *Compatibility of materials used in distribution handling systems with ethanol and gasoline/ethanol blends*