



# URSA<sup>®</sup> HYDRAULIC OIL 10W ISOCLEAN<sup>®</sup> CERTIFIED LUBRICANT

## PRODUCT DESCRIPTION

Ursa<sup>®</sup> Hydraulic Oil 10W ISOCLEAN<sup>®</sup> Certified Lubricant is a heavy duty on- and off-highway hydraulic oil that is recommended for SAE 10W applications and for equipment with Caterpillar TO-2 requirements. Chevron ISOCLEAN Certified Lubricants have been certified to meet specified ISO Cleanliness standards at point of delivery using industry leading filtration and testing technology. ISOCLEAN Certified products are the first step for contamination control and maximizing component life.



## CUSTOMER BENEFITS

Ursa Hydraulic Oil 10W ISOCLEAN Certified Lubricant delivers value through:

- **Ready to use** — Enables users to meet stringent original equipment manufacturers' cleanliness standards for fill lubricants.
- **Flexibility** — ISO Cleanliness targets can be customized to fit your business application needs.
- **Peace of mind** — Each delivery of Chevron ISOCLEAN Certified Lubricant includes an ISOCLEAN Certificate of Analysis.
- **OE fluid cleanliness requirements** — Customized to meet specific equipment manufacturers' fluid cleanliness requirements.
- **Meets many major pump manufacturer's requirements** — For antiwear-type hydraulic fluids in heavy duty on- and off-highway mobile hydraulic systems. Excellent Eaton-Vickers 35VQ25A performance.
- **Foam inhibition** — Contains special foam suppressant to minimize both foaming and aeration problems.
- **Excellent antiwear properties** — Formulated with anti-wear performance additives.

- **Excellent thermal stability** — In the presence of copper and steel.
- **Excellent filterability** — Thermal and hydrolytic stability helps prevent formation of deposits which may interfere with filtration in equipment with close tolerances.

## FEATURES

Ursa Hydraulic Oil 10W ISOCLEAN Certified Lubricant is a premium hydraulic oil specifically designed to give maximum hydraulic pump protection in on- and off-highway heavy duty hydraulic applications where an SAE 10W engine oil is specified.

Ursa Hydraulic Oil 10W ISOCLEAN Certified Lubricant provides excellent antiwear protection, oxidation and corrosion inhibition, as well as foam and aeration suppression.

The antiwear additives in Ursa Hydraulic Oil 10W ISOCLEAN Certified Lubricant create a protective film on the metal surfaces. This protective film minimizes metal-to-metal contact, which is most severe in vane- and piston-type pumps.

Ursa Hydraulic Oil 10W ISOCLEAN Certified Lubricant is fully compatible with engine oils that may typically be used in hydraulic applications.

Product(s) manufactured in the USA, Colombia and El Salvador.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

A **Chevron** company product

1 July 2016  
TTF-60 ISOCLEAN

© 2008-2016 Chevron U.S.A. Inc. All rights reserved.

Chevron, the Chevron Hallmark, Ursa and ISOCLEAN are trademarks owned by Chevron Intellectual Property LLC. All other trademarks are property of their respective owners.

## APPLICATIONS

Ursa® Hydraulic Oil 10W ISOCLEAN® Certified Lubricant is recommended for:

- Heavy duty on- and off-highway mobile hydraulic systems where an SAE 10W engine oil is specified.
- Caterpillar hydraulic systems where a **Caterpillar TO-2** fluid is required.
- Caterpillar hydraulic systems where a minimum of 0.09 percent (900 ppm) of zinc additive is specified.
- Pump applications requiring an **Eaton-Vickers 35VQ25A** hydraulic oil.

Do not use in high pressure systems in the vicinity of flames, sparks and hot surfaces. Use only in well ventilated areas. Keep container closed.

Consult with your Chevron Lubricant Representative or Chevron ISOCLEAN Certified Lubricants Marketer to set specific ISO Cleanliness targets for your business application.

## TYPICAL TEST DATA

<i>Product Number</i>	278061
<i>SDS/MSDS Number</i>	
USA	23575
Colombia	33075
El Salvador	33074
API Gravity	31.2
Viscosity, Kinematic	
cSt at 40°C	40
cSt at 100°C	6.5
Viscosity, Saybolt	
SUS at 100°F	184.7
SUS at 210°F	48
Viscosity Index	114
Flash Point, °C(°F)	234(452)
Pour Point, °C(°F)	-33(-27)
Zinc, wt %	0.094

Minor variations in product typical test data are to be expected in normal manufacturing.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.