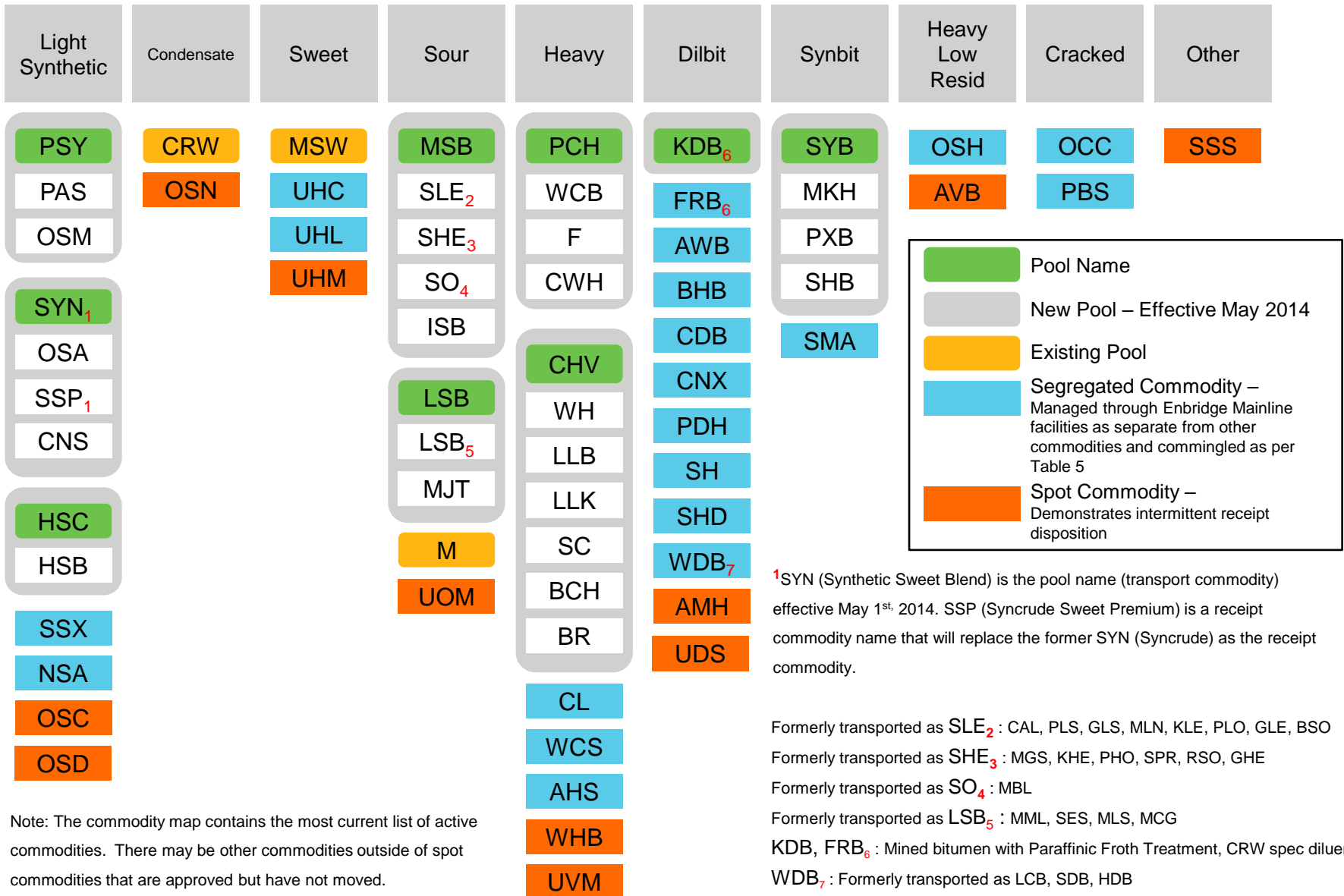


Crude Oil Commodity Map (Effective May 1, 2024)



Note: The commodity map contains the most current list of active commodities. There may be other commodities outside of spot commodities that are approved but have not moved.

Crude Oil Commodity Management Reference

Definitions

Pool: An aggregate of specific receipt commodities.

Segregated Commodity: Commodity that is managed through Enbridge mainline facilities as separate from other commodities and commingled as per Table 5 (Now identified as Appendix 1, "Throughput and Quality Management" found in Enbridge Liquids Pipeline Mainline Service Levels).

Spot Commodity: Demonstrates intermittent receipt disposition.

First Commingling Point: The first point at which a minimum of two components to a specific pool combine using common receipt and/or breakout tanks. Upon custody transfer to Enbridge, each component to an individual pool moves from its receipt ID to its transport ID. Individual components to a specific pool may be combined, in any ratio, prior to the defined first point of commingling under specific operational circumstances where Enbridge at its sole discretion deems it necessary for the safe or efficient operation of the system.

| Pool Name | First Commingling Point |
|----------------------------------|-------------------------|
| Premium Synthetic (PSY) | Edmonton (EP) |
| Synthetic Sweet Blend (SYN)** | Edmonton (EP) |
| Hardisty Synthetic Crude (HSC) | Hardisty (YP) |
| Condensate Blend (CRW)* | Edmonton (EP) |
| Mixed Sweet Blend (MSW)* | Edmonton (EP) |
| Medium Sour Blend (MSB)* | Edmonton (EP) |
| Light Sour Blend (LSB)* | Cromer (CM) |
| Midale (M)* | Cromer (CM) |
| Premium Conventional Heavy (PCH) | Superior (PR) |
| Conventional Heavy (CHV) | Superior (PR) |
| Synbit Blend (SYB) | Edmonton (EP) |

* Equalized Pools

** SYN (Synthetic Sweet Blend) is the pool name (transport commodity) effective May 1st, 2014. SSP (Syncrude Sweet Premium) is a receipt commodity name that replaced the former SYN (Syncrude) as the receipt commodity.

Crude Oil Commodity Management

| Crude Quality Group | Commodity Transport Method | Transport Commodity(ies) | Receipt Commodities |
|---------------------|--------------------------------|---|---|
| Light Synthetic | Pool | Premium Synthetic (PSY) | Premium Albian Synthetic (PAS) Suncor M (OSM) |
| | | Synthetic Sweet Blend (SYN) | Suncor A (OSA) CNRL Light Sweet Synthetic Blend (CNS) |
| | | | Syncrude Sweet Premium (SSP)** |
| | Hardisty Synthetic Crude (HSC) | Husky Synthetic Blend (HSB) | |
| | Segregated | Shell Synthetic Light (SSX) Newgrade Synthetic Blend A (NSA) | Shell Synthetic Light (SSX) Newgrade Synthetic Blend A (NSA) |
| | Spot | Suncor C (OSC) | Suncor C (OSC) |
| | | Suncor D (OSD) | Suncor D (OSD) |

** SYN (Synthetic Sweet Blend) is the pool name (transport commodity) effective May 1st, 2014. SSP (Syncrude Sweet Premium) is a receipt commodity name that replaced the former SYN (Syncrude) as the receipt commodity.

| Crude Quality Group | Commodity Transport Method | Transport Commodity(ies) | Receipt Commodities |
|---------------------|----------------------------|--------------------------|---|
| Condensate | Pool | Condensate Blend (CRW) | Amoco Condensate (CAM) Fort Saskatchewan Condensate (CFT) Gibson Condensate (CGB) Gibson Condensate Hardisty (CGY) Plains Marketing Condensate (CLN) Petrocanada Condensate (CPC) Pembina Condensate (CPM) Pembina Nexus Condensate (CPN) Peace Pipe Condensate (CPR) Rangeland Condensate (CRL) Rimbey Condensate (CRM) Condensate Gibsons Light Density (CGL) Gibsons Condensate Blend (GRW) Suncor N (OSN) Kinder Morgan Condensate Blend (KRW) Southern Lights Diluent (SLD) |
| | Spot | Suncor N (OSN) | Suncor N (OSN) |
| Currently Inactive | | | |

| Crude Quality Group | Commodity Transport Method | Transport Commodity(ies) | Receipt Commodities |
|---------------------|----------------------------|--|--|
| Sweet | Pool | Mixed Sweet Blend (MSW) | Central Alberta Sweet (CSW) Federated (FD) Gibson Light (MGL) HCT Sweet Blend (HSW) Secure Sask Light (MSE) Manitoba Sweet Tundra (MST) Light Smiley (MSY) Pembina (P) Peace Pipe Light (MPR) Plains Sweet Regina (PSR) Rainbow Light (RA) Redwater (RW) Pembina Sweet Blend (PSB) Kinder Morgan Sweet (KSW) Rangeland Sweet (RSW) Gibsons Mixed Blend Sweet (GSW) BP SW (SWB) |
| | Segregated | U.S. Sweet- Clearbrook (UHC) U.S. Sweet- Lewiston (UHL) | U.S. Sweet- Clearbrook (UHC) U.S. Sweet- Lewiston (UHL) |
| | Spot | U.S Sweet Mokena (UHM) | U.S Sweet Mokena (UHM) |

| Crude Quality Group | Commodity Transport Method | Transport Commodity(ies) | Receipt Commodities |
|---------------------|----------------------------|---|--|
| Sour | Pool | Medium Sour Blend (MSB) | BP Sour Blend (BSO 1) |
| | | | Gibson Sour (MGS 2) Imperial Sour Blend (ISB 2) Peace Pipe Sour (SPR 2) |
| | | | Hardisty Light (MBL 3) |
| | | Light Sour Blend (LSB) | Manitoba Light (MML) South East Sask (SES) Tundra Light Sour (MLS) ICG Light Sour (MCG) Moose Jaw Tops (MJT) |
| | Midale (M) | Manitoba Medium (MM 4) Wespur Midale (MSM 4) | |
| Spot | U.S Mokena Sour (UOM) | U.S Mokena Sour (UOM) | |

- Formerly transported as Edmonton Light Sour (SLE) 1
- Formerly transported as High Sulphur Sour (SHE) 2
- Formerly transported as Hardisty Sour (SO) 3
- Effective July 1, 2015 Midale transported as segregated commodity

| Crude Quality Group | Commodity Transport Method | Transport Commodity(ies) | Receipt Commodities |
|---------------------|----------------------------|---|---|
| Heavy | Pool | Premium Conventional Heavy (PCH) | Western Canadian Blend (WCB) Fosterton (F) Clearwater Heavy (CWH) |
| | | Conventional Heavy (CHV) | BP Conventional Heavy Blend (BCH) Bow River (BR) Lloydminster Hardisty (LLB) Lloydminster Kerrobert (LLK) Smiley Coleville (SC) Wabasca Heavy (WH) |
| | Segregated | Albian Heavy Synthetic (AHS) Cold Lake (CL) Western Canadian Select (WCS) | Albian Heavy Synthetic (AHS) Cold Lake (CL) Western Canadian Select (WCS) |
| | Spot | Western Heavy Blend (WHB) U.S Mokena Heavy (UVM) | Western Heavy Blend (WHB) U.S Mokena Heavy (UVM) |

| Crude Quality Group | Commodity Transport Method | Transport Commodity(ies) | Receipt Commodities |
|---------------------|----------------------------|---|--|
| Dilbit | Pool | Kearl Lake Dilbit (KDB)* | Kearl Lake Dilbit (KDB) |
| | Segregated | Fort Hills Dilbit (FRB)* Access Western Blend (AWB) Borealis Heavy Blend (BHB) Christina Lake Dilbit (CDB) Canadian Natural Hight Tan (CNX) Long Lake Heavy Dilbit Blend (PDH) Seal Heavy (SH) Surmont Heavy Dilbit (SHD) Western Canada Dilbit (WDB) | Fort Hills Dilbit (FRB) Access Western Blend (AWB) Borealis Heavy Blend (BHB) Christina Lake Dilbit (CDB) Canadian Natural Hight Tan (CNX) Long Lake Heavy Dilbit Blend (PDH) Seal Heavy (SH) Surmont Heavy Dilbit (SHD) Western Canada Dilbit (WDB) |
| | Spot | Albian Muskeg River Heavy (AMH) U.S Dilbit Superior (UDS) | Albian Muskeg River Heavy (AMH) U.S Dilbit Superior (UDS) |

* Mined bitumen with Paraffinic Froth Treatment, CRW spec diluent
Formerly transported as LCB, SDB, HDB

| Crude Quality Group | Commodity Transport Method | Transport Commodity(ies) | Receipt Commodities |
|---------------------|----------------------------|-----------------------------|---|
| Synbit | Pool | Synbit Blend (SYB) | MacKay River Heavy (MKH) Surmont Heavy Blend (SHB) PetroChina Blend (PXB) |
| | Segregated | Surmont Mix A (SMA) | Surmont Mix A (SMA) |
| | Spot | Canadian Heavy Synbit (CHY) | Canadian Heavy Synbit (CHY) |

| Crude Quality Group | Commodity Transport Method | Transport Commodity(ies) | Receipt Commodities |
|---------------------|----------------------------|-----------------------------------|-----------------------------------|
| Heavy Low Resid | Segregated | Suncor Synthetic H (OSH) | Suncor Synthetic H (OSH) |
| | Spot | Albian Vacuum Gas Oil Blend (AVB) | Albian Vacuum Gas Oil Blend (AVB) |

| Crude Quality Group | Commodity Transport Method | Transport Commodity(ies) | Receipt Commodities |
|---------------------|----------------------------|----------------------------|----------------------------|
| Other | Spot | Sarnia Special Blend (SSS) | Sarnia Special Blend (SSS) |

| Crude Quality Group | Commodity Transport Method | Transport Commodity(ies) | Receipt Commodities |
|---------------------|----------------------------|---|---|
| Cracked | Segregated | Suncor Cracked C (OCC) Pine Bend Special (PBS) | Suncor Cracked C (OCC) Pine Bend Special (PBS) |