

# Shipping Document for Dangerous Goods

# LABEL IT

Labeling criteria		
Ovintiv product name	UN number	Proper shipping name <sup>(1)</sup>
Condensate (sour)	UN 3494	PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC
Condensate (sweet)	UN 1268	PETROLEUM PRODUCTS, N.O.S.
Crude oil (sour)	UN 3494	PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC
Crude oil (sweet)	UN 1267	PETROLEUM CRUDE OIL
Produced water (sour)	UN 3494	PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC
Produced water (sweet)	UN 1267	PETROLEUM CRUDE OIL
Liquefied petroleum gas (PNG) <sup>(2)(3)</sup>	UN 1075	LIQUEFIED PETROLEUM GASES
Liquefied natural gas (LNG) <sup>(2)</sup>	UN 1972	NATURAL GAS, REFRIDGERATED LIQUID
Compressed natural gas fuel	UN 1971	NATURAL GAS, COMPRESSED

1) must be in capslock

2) requires Emergency Response Assistance Plan

3) for a liquefied petroleum gas that has not been odorized, the words "Not Odourized" must be used in the shipping name

4) all Carriers are required to have the Equivalency or Temporary Certificate with them when hauling UN2924

**Consignor = Ovintiv**

**Carrier = Trucking company transporting product**

**Consignee = Company Ovintiv is selling the product to, typically the end destination.**

Proper shipping name	UN number	Class/ Division	Packing group	SDS name	Truck type requirements	Gauge limit
PETROLEUM CRUDE OIL	UN 1267	3	I	Crude oil (sweet), produced water (sweet)	TC 407, TC 412 or TC 331	40 psi
			II		TC 406 Crude, TC 406, TC 407, TC 412 or TC 331	25 psi
			III			
PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	UN 3494	3(6.1)	I	Crude oil (sour), produced water (sour)	TC 407, TC 412 or TC 331	40 psi
			II		TC 407, TC 412 or TC 331	25 psi
			III			
PETROLEUM PRODUCTS, NOS	UN 1268	3	I	Condensate (sweet)	TC 407, TC 412 or TC 331	40 psi
			II		TC 406, TC 407, TC 412 or TC 331	25 psi
			III			
PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	UN 3494	3(6.1)	I	Condensate (sour)	TC 407, TC 412 or TC 331	40 psi
			II		TC 407, TC 412 or TC 331	25 psi
			III			

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OPERATIONAL EHS | REVISION DATE: APRIL 2020



## SHIPPING INFORMATION

Consignor: Ovintiv Corporation  
 Address: PO Box 2850 500 Centre Street. Calgary, AB, T2P 2S5  
 LSD/DTS: \_\_\_\_\_  
 Unique well identifier: \_\_\_\_\_  
 \_\_\_\_\_  
 BC  AB   
 Shipping date: \_\_\_\_\_

Carrier: \_\_\_\_\_ Carrier invoice number: \_\_\_\_\_  
 Carrier address: \_\_\_\_\_  
 Carrier phone number: \_\_\_\_\_  
 Operator name: \_\_\_\_\_  
 Dispatcher name: \_\_\_\_\_  
 Unit number: \_\_\_\_\_ Truck type: \_\_\_\_\_

**24-hour number:** CANUTEC 613.996.6666 (transportation emergencies)

**ERAP reference:** #2-0010-055 **ERAP 24-hour number:** 800.265.0212

For non-transportation Ovintiv emergencies, or after calling CANUTEC or ERAP please call Ovintiv to notify us of the situation 780.357.6408

## DANGEROUS GOODS

Check one	UN number	Proper shipping name (technical name)	Class primary	Subsidiary class	Packing group	Quantity (m <sup>3</sup> or kg)	Product description
	UN 3494	PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	3	(6.1)			
	UN 2924	FLAMMABLE LIQUID, CORROSIVE, N.O.S. (Mixed Oilfield Production Fluids – May Release Hazardous Vapour)	3	(8)	II		Equivalency Certificate SH 5561 (Ren. 11) #
	UN 1075	LIQUEFIED PETROLEUM GASES	2.1		NA		
	UN 1267	PETROLEUM CRUDE OIL <input type="checkbox"/> Crude <input type="checkbox"/> Produced water	3				

Residue – Last contained:

### Consignors Certification:

"I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, are properly classified and packaged, have dangerous goods safety marks properly affixed or displayed on them, and are in all respects in proper condition for transport according to the Transportation of Dangerous Goods Regulations."

Individuals name: \_\_\_\_\_

## SPECIAL INSTRUCTIONS

## NON-DANGEROUS GOODS

Packages	Description of articles	Quantity (m <sup>3</sup> or kg)

Consignee facility name: \_\_\_\_\_ Consignee LSD: \_\_\_\_\_ Drivers signature: \_\_\_\_\_ Consignee received date: \_\_\_\_\_

**Distribution:** **White:** Ovintiv – Consigner **Yellow:** Truck company – Carrier **Pink:** Consignee

## PACKING GROUP

Packing Group (PG) is assigned based on the degree of danger.

Packing Group is decided based on 2 tests:

- initial boiling point – lab test ASTM D86 or ASTM D8003 (risk of evaporation)
- flash point – lab test ASTM D0093-96 or D38-28 (risk of explosion)

\*These tests must be taken in a pressurized cylinder, even if the product is coming from an atmospheric tank. Let your lab tech know.

PACKING GROUP CRITERIA FOR CLASSIFICATION			
Packing Group	Criteria		
	Initial Boiling Point	Flash Point	
I	≤35°C	-	
II	≥35°C	<23°C	
III	≥35°C	≥23°C and ≤60°C	

more hazardous ↑  
↓ less hazardous

## TEST IT

Test for flash point and initial boiling point:

OVINTIV PRODUCTS	TDG/DOT TEST	TEST METHODS
Gases	N/A	N/A
Oil and condy	initial boiling point flash point	ASTM D86 or ASTM D8003 ASTM D93 or D38-28
Water		

**Note:** Ensure liquids are captured from tanks in pressurized cylinders to ensure C5 and lower hydrocarbons are not lost to atmosphere.

## PERMIT FOR EQUIVALENT LEVEL OF SAFETY

Permits are used to simplify our business. You must be able to produce these either in paper or electronic form if stopped. You must also meet all the conditions in order to safely use the permit.

CANADA	
PERMIT NAME	DESCRIPTION
Transport Canada Emergency Response Assistance Plan	
SH 5561 (Ren. 11)	to haul mixed oilfield waste in vac trucks
SH 5562 (Ren. 10)	to haul propane tanks <450L water capacity
SH 5567 (Ren. 8)	to haul a dirty tank instead of cleaning it on site
SH 5568 (Ren. 10)	to haul welding gasses
ALBERTA	
PERMIT NAME	DESCRIPTION
TDG #2107-1203	to haul a dirty tank instead of cleaning it on site
TDG #2017-1423	to haul waste bins with filters containing hydrocarbons
TDG #2017-2057	to haul mixed oilfield waste in vac trucks
TDG #2017-2877	to haul crude oil packing group I
TDG #2017-2958	to use H <sub>2</sub> S scrubber boxes on trucks that use sodium hydroxide, ammonia, or methanol to sweeten
TDG #2017-3405	to haul service and drilling digs (e.g. dog house)