

TEST REPORT

- 1. **Name of substance** : WOLF LAKE ULTRALITE CONDENSATE
- 2. **General data**
 - 2.1 Composition : 100% natural gas condensate
 - 2.2 Proper Shipping Name : Petroleum Distillates, N.O.S.
 - 2.3 UN Number : UN 1268
 - 2.4 Molecular formula : Combination of hydrocarbons, primarily C5-C8 species
 - 2.5 Physical form : Liquid
 - 2.6 Colour : Colourless
 - 2.7 Density : 666.2 kg/m³ at 15°C
 - 2.8 Location : Wolf Lake Gas Plant; 05-01-051-15W5
 - 2.9 Last Sample Date & Laboratory : August 31, 2017 AGAT Laboratories*
- 3. **Flash Point Determination**
 - 3.1 Method : ASTM 93-08, Pensky-Martins Closed Cup (Automatic)
 - 3.2 Result : <-5° Celsius
- 4. **Initial Boiling Point Determination**
 - 4.1 Method : ASTM D-7169 Boiling Point Distribution of Samples with Residues Such as Crude Oils and Atmospheric and Vacuum Residues by High Temperature Gas Chromatography
 - 4.2 Result : 32.3° Celsius
- 5. **Class Determination**
 - 5.1 Method : *TDG Regulations Part 2, 2.18 Class 3 Flammable Liquids*
 - 5.2 Criteria : (1)(a) Flash point ≤ 60°C in closed-cup test
 - 5.3 Result : Class 3 substance
- 6. **Packing Group Determination**
 - 6.1 Method : *TDG Regulations Part 2, 2.19 Packing Groups*
 - 6.2 Criteria : (1)(a) Flash Point ≤23°C; Initial Boiling Point ≤35°C
 - 6.3 Result : Packing Group I
- 7. **Conclusion** : UN1268, Petroleum Distillates, N.O.S., Class 3, PG I
 - 7.1 Date : September 15, 2017

*The latest laboratory results available on request.