

## **ARCTIC SYNTHETIC HEAVY DUTY ENGINE OIL**

**PRODUCT CODE: 1403**

### **DESCRIPTION**

49 NORTH® ARCTIC SYNTHETIC HEAVY DUTY ENGINE OIL is specially formulated from low volatility synthetic fluids and a specialized additive system to provide excellent fluidity for extreme cold weather (-40°C) start up, while maintaining the viscosity required to provide the necessary protection of critical parts during high temperature operation.

### **QUALITIES**

49 NORTH® ARCTIC SYNTHETIC HEAVY DUTY ENGINE OIL is formulated with high quality, high viscosity index synthetic base stocks, a proven additive system with the proper balance of detergents and dispersants, multipurpose inhibitors, and a shear stable viscosity index improver. 49 NORTH® ARCTIC SYNTHETIC HEAVY DUTY ENGINE OIL provides outstanding thermal and oxidative stability ensuring the long term protection of your engine ever after repeated cold starts and prolonged exposure to extremely high operating temperatures.

49 NORTH® ARCTIC SYNTHETIC HEAVY DUTY ENGINE OIL uses wax free synthetic base stocks with extremely low pour points to ensure the rapid flow of oil throughout the engine after cold startups, providing quick protection to the engine during its most vulnerable time.

### **APPLICATIONS**

49 NORTH® ARCTIC SYNTHETIC HEAVY DUTY ENGINE OIL is recommended for diesel and gasoline engines that operate in extreme cold weather conditions, on or off the highway, as well as many transmissions, air compressors, and other applications where the OEM recommends a high quality, arctic grade, lubricating oil.

### **FEATURES & BENEFITS**

Specifically designed to provide protection under cold weather conditions.

Less oil volatility leads to reduced oil consumption and fewer high temperature deposit, allowing for longer engine life with reduced maintenance and less oil top offs.

Exceeds the pumpability requirements of most engine oils providing lubrication quicker during cold starts.

Designed to provide extended drain service.

## **CONTACT**

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6611 - 45 Street  
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## TYPICAL PROPERTIES

<b>SAE Viscosity Grade</b>	<b>0W-30</b>
Product Code	1403
API Service	CJ-4 / SN
API Gravity	35.8
Density, lbs / gallon	7.042
Viscosity, Kinematic	
cSt @ 40°C	59.34
cSt @ 100°C	10.92
Viscosity Index	178
Cold Crank Simulator	
P @ -35°C	4475
Pour Point, °C	-51
Flash Point, °C	226
Colour,	3.0
TBN, ASTM D2896	10.0

The typical properties listed reflect the general characteristics of the product, and are not manufacturing specifications. Normal batch-to-batch variations should be expected.

## MEETS OR EXCEEDS API AND OEM SERVICE CATEGORIES

	0W-30
API CJ-4 / SN	X
Allison C4	X
Cummins 20078,20076, 20071	X
Caterpillar ECF-1, TO-2	X
Detroit Diesel 7SE270	X
Mack EO-M, EO-M Plus	X
Vickers 35V Q25	X

## HEALTH & SAFETY

A complete Safety Data Sheet (SDS) is available upon request.

## PACKAGE SIZES

Available in Bulk, 1211L totes, 208L Drums, 20L Pails, 6x 3.78L cases

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