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› [Valvoline](#) /

› [Valvoline Premium Blue Extreme SAE 5W-40 Heavy Duty Engine Oil User Manual](#)

### Valvoline 774038

# Valvoline Premium Blue Extreme SAE 5W-40 Heavy Duty Engine Oil User Manual

Brand: Valvoline | Model: 774038

## PRODUCT OVERVIEW

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Valvoline Premium Blue Extreme SAE 5W-40 is a full synthetic heavy-duty engine oil specifically formulated to provide advanced protection and performance for modern diesel and gasoline engines operating under severe conditions. This lubricant is engineered with high-quality synthetic base stocks and a robust additive system to ensure optimal engine health and efficiency.



This image shows the front label of the Valvoline Premium Blue Extreme SAE 5W-40 engine oil bottle, highlighting the brand, product name, and viscosity grade.



# THE ORIGINAL MOTOR OIL

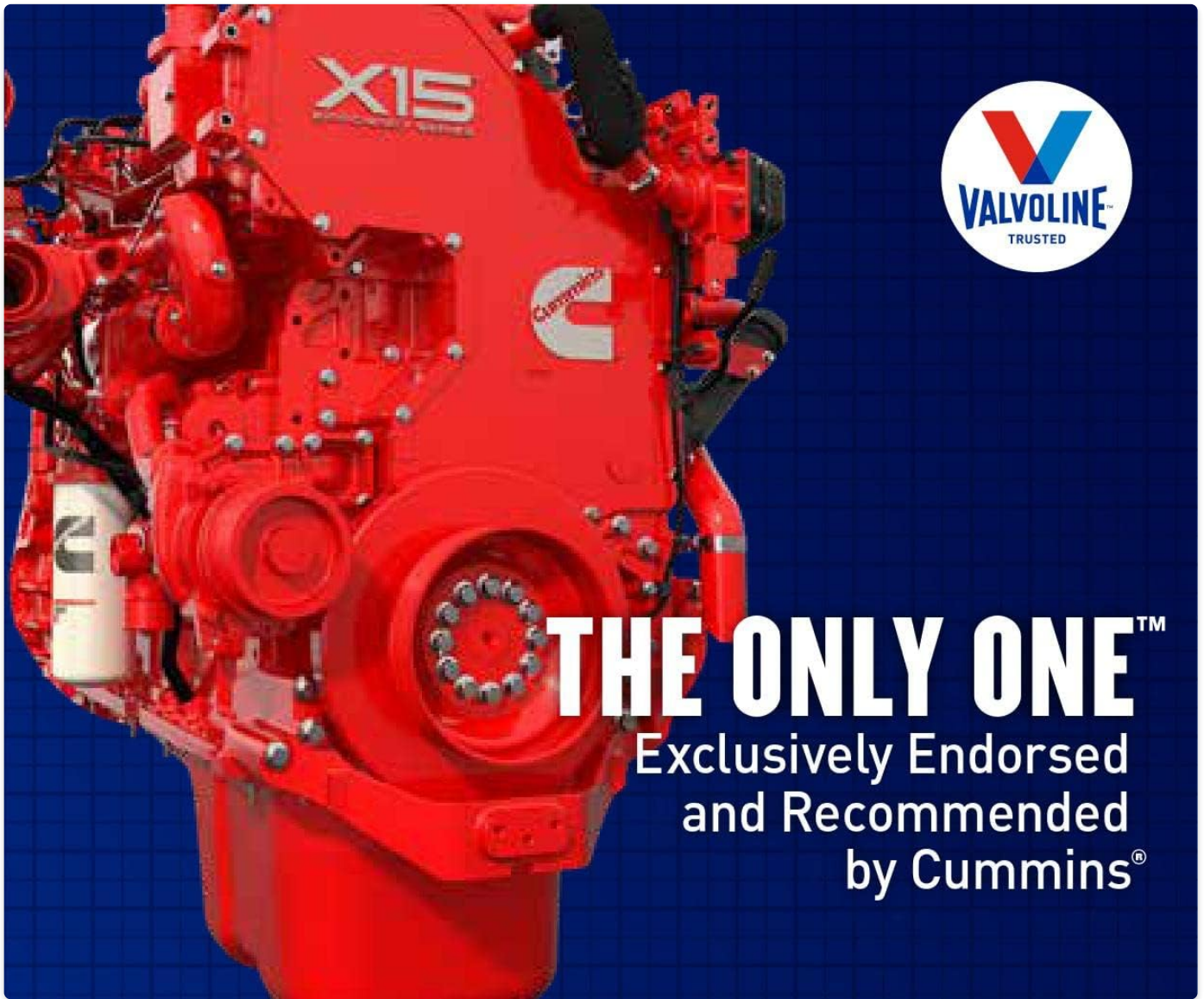
AMERICA'S FIRST MOTOR OIL BRAND

This image highlights Valvoline's legacy as 'The Original Motor Oil' and 'America's First Motor Oil Brand', emphasizing its long-standing history and trusted reputation in the industry.

## KEY FEATURES AND BENEFITS

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- Superior wear protection for critical internal moving parts in demanding applications.
- Strong resistance to oxidation, combating deposits and sludge formation, utilizing high-quality synthetic base oil and special inhibitors.
- Protects against soot while controlling it during cold start-ups, especially for robust equipment that may idle for long periods.
- Up to 1.5% higher fuel economy compared to conventional 15W-40 oils in on-highway operation.
- Unique 5,000-mile oil drain extension for Cummins X15/X12 engines when average MPG is 7 or higher.
- Made and blended in America to maximize engine life and enhance performance.
- The only product exclusively endorsed and recommended by Cummins.



**X15**

**VALVOLINE**  
TRUSTED

**THE ONLY ONE™**  
Exclusively Endorsed  
and Recommended  
by Cummins®

This image emphasizes that Valvoline Premium Blue Extreme is the only engine oil exclusively endorsed and recommended by Cummins, showcasing its compatibility and performance with Cummins engines.



# UNIQUE 5,000 MILES OIL DRAINS EXTENSION

In Cummins® X15/X12 Engines  
when Average is 7mpg or Higher

This image illustrates the unique benefit of a 5,000-mile oil drain extension for Cummins X15/X12 engines when achieving 7 MPG or higher, highlighting the extended service interval.



# PROVIDES ADVANCED FUEL ECONOMY UP TO 1.5%

Over 15W-40 Conventional Oils in  
On-Highway Operation

This image highlights the advanced fuel economy benefit, stating up to 1.5% improvement over conventional 15W-40 oils in on-highway operations.

## APPLICATION AND USAGE

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Valvoline Premium Blue Extreme SAE 5W-40 is suitable for a wide range of heavy-duty diesel and gasoline engines, including those found in trucks, buses, and off-highway equipment. It is particularly recommended for engines requiring SAE 5W-40 viscosity grade and meeting the specifications listed below.

### Recommended for:

- Modern Diesel Engines
- Gasoline Engines
- Heavy-Duty Trucks
- Buses
- Off-Highway Equipment
- Engines requiring Cummins CES 20086, Renault RLD-4, Ford WSS-M2C171-F1, Mack EOS-4.5, ACEA E7, Caterpillar ECF-3, Volvo VDS-4.5, MB-Approval 228.31, Chrysler MS-10902, Detroit Diesel DFS 93K222.

# DESIGNED TO PROTECT HARDWORKING



Diesel, Gasoline & Natural Gas Engines

This image shows heavy-duty construction equipment, emphasizing that the oil is designed to protect hardworking diesel, gasoline, and natural gas engines in demanding environments.

## PRODUCT SPECIFICATIONS

Property	Value
Brand	Valvoline
Model Number	774038
Viscosity	5W-40
Product Dimensions (L x W x H)	20.8 x 11.4 x 27.7 cm
Product Weight	3.18 Kilograms
UPC	074130705180
GTIN	00074130705180
Applicable Vehicle Type	Truck, Car
First Available Date	June 24, 2014



American  
Owned & Operated

PREMIUM BLUE™ HEAVY DUTY ENGINE OIL  
SPECIFICALLY FORMULATED FOR DIESEL & GASOLINE ENGINES  
**EXTREME PROTECTION FOR HARDWORKING  
HEAVY DUTY TRUCKS AND EQUIPMENT**



AFTER EXTENSIVE ENGINE TESTING, APPROVED OR RECOMMENDED FOR THE FOLLOWING APPLICATIONS:

- Cummins® CES 20086
- Mack® EOS-4.5
- Volvo® VDS-4.5
- Detroit Diesel® DFS 93K222
- Renault® VI RLD-4
- ACEA E9, ACEA E7
- MB-Approval 228.31
- Ford® WSS-M2C171-F1
- Caterpillar® ECF-3
- Chrysler® MS-10902

Questions? Comments?: Call 1-800-TEAM VAL or visit [HD.VALVOLINE.COM](http://HD.VALVOLINE.COM)

**24-HOUR EMERGENCY NUMBER 1-800-825-8654**  
**NÚMERO DE EMERGENCIA LAS 24 HORAS DEL DÍA (+1) 859-202-3865**

API service **CK-4, CJ-4, CI-4 PLUS, CI-4, CH-4, SN**  
and all prior API gasoline categories/y todas las anteriores especificaciones API para gasolina



CAUTION: Avoid prolonged or repeated skin contact with used engine oil. Used engine oil has been shown to cause cancer in laboratory animals. Thoroughly wash exposed area with soap and water.

DON'T POLLUTE. CONSERVE RESOURCES. RETURN USED OIL TO COLLECTION CENTERS.

NO CONTAMINE. NO TIRE EL ACEITE. CONSERVE LOS RECURSOS, DEVUELVA EL ACEITE USADO A LOS CENTROS DE RECOLECCIÓN.

Manufactured by/Fabricado por:  
Valvoline LLC Lexington, Kentucky 40509  
Made in U.S.A. of foreign and domestic materials  
©2020 Valvoline

\*Trademark, Valvoline or its subsidiaries,  
registered in various countries.

\*Trademark owned by third party

Importador:  
Valvoline Internacional de Mexico,  
S. de R.L. de C.V.  
Av. Americas 1501, interior 23 A  
Cd. Providencia, 1a 2a y 3a Seccion  
Guadalupe, Jalisco  
C.P. 44630 Mexico  
Hecho en E.U.A.

Part No. 774038



0 74130 70518 0

LB-5

This image provides a clear view of the front label of the Valvoline Premium Blue Extreme oil, detailing its full synthetic nature, heavy-duty application, and SAE 5W-40 viscosity.



This image displays the back label of the Valvoline Premium Blue Extreme oil bottle, which includes important certifications, recommended applications, and emergency contact information.

## MAINTENANCE GUIDELINES

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Regular oil changes are crucial for maintaining engine performance and longevity. Always refer to your vehicle's or equipment's owner's manual for specific oil change intervals and recommended viscosity grades. Factors such as operating conditions, engine type, and fuel quality can influence optimal oil change frequency.

### Best Practices:

1. **Check Oil Level Regularly:** Periodically inspect the engine oil level using the dipstick and top up if necessary.
2. **Follow Manufacturer's Recommendations:** Adhere to the oil change schedule and specifications provided by your engine or vehicle manufacturer.
3. **Use Compatible Filters:** Always use high-quality oil filters that are compatible with your engine and oil type.
4. **Monitor Oil Condition:** Pay attention to any changes in oil color, consistency, or smell, which may indicate a need for an earlier oil change.
5. **Proper Disposal:** Dispose of used engine oil responsibly at authorized collection centers. Do not pour it down drains or onto the ground.



# SUPERIOR SYNTHETIC BASESTOCKS



Provide Faster, Safe Starts During Freezing Weather and Enhanced Thermal Properties for Hot Weather Operations

This image highlights the superior synthetic basestocks used in the oil, which provide faster, safer starts in freezing weather and enhanced thermal properties for hot weather operations, contributing to overall engine maintenance.

## TROUBLESHOOTING COMMON ISSUES

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While Valvoline Premium Blue Extreme is designed for high performance, certain issues related to engine oil can arise. Here are some common concerns and general advice:

### Low Oil Pressure:

- **Check Oil Level:** The most common cause is insufficient oil. Add oil if the level is low.
- **Inspect for Leaks:** Look for visible oil leaks around the engine or under the vehicle.
- **Consult a Professional:** If oil level is adequate and no leaks are found, low oil pressure could indicate a more serious engine issue requiring professional diagnosis.

### Excessive Oil Consumption:

- **Check for Leaks:** As with low pressure, external leaks can lead to consumption.
- **Engine Wear:** Worn piston rings or valve seals can cause oil to burn in the combustion chamber. This typically requires engine repair.
- **Driving Habits:** Aggressive driving or frequent heavy loads can increase oil consumption.

### Oil Sludge or Deposits:

- **Extended Drain Intervals:** Not changing oil frequently enough can lead to sludge.
- **Contamination:** Coolant leaks or fuel dilution can degrade oil.
- **Incorrect Oil Type:** Using an oil not suited for your engine can cause issues.

*For persistent or severe issues, always consult a certified mechanic or refer to your engine's service manual.*

## WARRANTY AND SUPPORT

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Valvoline stands behind the quality of its products. For specific warranty information regarding Valvoline Premium Blue Extreme SAE 5W-40, please refer to the official Valvoline website or contact their customer support directly. Keep your purchase receipt as proof of purchase.

### Contact Information:

For technical support or product inquiries, please visit the official Valvoline website or use the contact details provided on the product packaging.

**Valvoline Official Website:** [www.valvoline.com](http://www.valvoline.com)

### Emergency Contact:

As per product labeling, for 24-hour emergency response, call 1-800-822-6825 (US) or 1-859-202-3865 (International).

# HOW THE TOUGH GET GOING.™



This image depicts a heavy-duty logging truck navigating a challenging terrain, symbolizing the durability and reliability that Valvoline oil provides for tough operations.

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