



UNIVERSAL PLUS XL 15W-40 **(Heavy Duty Engine Oil—API CI-4 Plus)**

UNIVERSAL PLUS XL 15W-40 engine oil is a heavy-duty diesel engine oils designed to meet the most current API service category of modern four-cycle, high-output diesel engines.

This specially formulated multigrade oil has excellent soot dispersancy with good high detergency levels, which effectively protect bearings and other engine surfaces from corrosive, wear. In addition **UNIVERSAL PLUS XL 15W-40** engine oil controls ring and piston deposits that lead to oil consumption and wear. Its advanced formulation also minimizes engine wear at cold startup when engines are most susceptible to damage.

UNIVERSAL PLUS XL 15W-40 engine oil is recommended for naturally aspirated or turbocharged or EGR diesel engines and most gasoline engines. These motor oils are also suitable for many transmissions and other applications requiring high quality engine oils.

BENEFITS:

- EFFECTIVELY REDUCES ENGINE WEAR AND CONTROLS DEPOSITS
- REDUCES SOOT THICKENING USING ADVANCED DISPERSANCY TECHNOLOGY
- PROVIDES CLEANER ENGINES
- REDUCES OIL CONSUMPTION AND RING BREAKAGE

APPLICATIONS:

UNIVERSAL PLUS XL 15W-40 OIL meets the requirements of the latest API diesel service category CI-4 PLUS as well as meeting advanced industry or military specifications such as Detroit Diesel 93K214 (DDC Power Guard), Mack EO-N Premium Plus 03, Caterpillar ECF-1, ACEA E-5, Global DHD-1, Cummins CES 20078, Mercedes Benz 228.3, MAN 271 and 3272, Volvo VDS-3 and MIL-PRF-2104H.



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TYPICAL CHARACTERISTICS

SAE Viscosity Grade	15W-40
API Service	CI-4 PLUS, CI-4, CH-4, CG-4 CF/SL, CD, CE
Product Code	11764
API Gravity (ASTM D-1298)	29.2
Specific Gravity, g/cc	0.880
Viscosity (ASTM D-445):	
cSt @ 40°C	118
cSt @ 100°C	15.2
SUS @ 100°F	579
SUS @ 210°F	78
cPs @ -20°C (D-5293)	<7000
Viscosity Index (ASTM D-2270)	133
Pour Point (ASTM D-97) °F (°C)	-25 (-32)
Flash Point, COC (ASTM D-92) °F (°C)	420 (216)
Color (ASTM D-1500)	L5.0
Sulfated Ash (ASTM D-874)	1.2
Total Base Number (ASTM D 2896)	10.5

The above data is subject to usual manufacturing variation. For more information or availability, call 1-800-442-LUBE.
03/22/05