



# Ultralube<sup>®</sup> Super Plus

## Heavy Duty Engine Oils

**Ultralube<sup>®</sup> Super Plus** engine oils are performance proven, heavy duty premium crankcase lubricants formulated specifically for commercial diesel and gasoline fleets. They also provide excellent results in propane and compressed natural gas (CNG) engines.

**Ultralube<sup>®</sup> Super Plus** engine oils meet or exceed the latest API, and Original Equipment Manufacturers (OEM) performance standards, specifications, and warranties. They are recommended for engines operating on highways and a wide variety of off-road applications such as mining, forestry, construction, marine as well as stationary power generation.

**Ultralube<sup>®</sup> Super Plus** engine oils are blended from premium quality base stocks and formulated with advanced additive technology. They have demonstrated outstanding performance qualities after extensive testing and highway fleet trials.

**Ultralube<sup>®</sup> Super Plus Arctic 0W-30 and 5W-30** multigrades are synthetic blends which are specifically formulated to meet the rigorous cold temperature demands of the Canadian winters.

### Performance Benefits

- **Exceptional Engine Wear Protection**
- **Exceptional Resistance to Oxidation & High Temperature Breakdown**
- **Excellent Low Temperature Fluidity**
- **Extended Oil Life**
- **Viscosity Retention**
- **Outstanding Deposit Control & Engine Cleanliness**

### Applications

#### **Transmission & Hydraulics**

**Ultralube<sup>®</sup> Super Plus**, in the appropriate SAE grades, can be utilized when C-4 fluids are recommended, depending on the temperature

requirements, for transmissions and torque converters.

**Ultralube<sup>®</sup> Super Plus** engine oils may be used in Caterpillar powershift transmissions and torque converters if a CD/TO-2 fluid is specified. **For applications requiring a TO-4 specification, use Ultralube<sup>®</sup> TO-4 Fluids.** Refer to the Ultralube<sup>®</sup> TO-4 Tech Data Sheet for additional information.

#### **Diesel Engines**

In the appropriate viscosity grade, **Ultralube<sup>®</sup> Super Plus** engine oils meet the following warranty requirements and specifications:

Caterpillar ECF-1, Cummins 20078, Mack (EO-M Plus), Detroit Diesel, Navistar, Allis-Chalmers, J.I. Case, Fiat-Allis, GMC, Volvo VDS-2, White, Deutz, Continental, Hino, Komatsu, John Deere, Perkins.

#### **Gasoline Engines**

In the appropriate viscosity grade, **Ultralube<sup>®</sup> Super Plus** engine oil meets the warranty requirements of Ford, GM, Chrysler and most other engine builders.

#### **Engine Service Classifications**

<u>SAE Grade</u>	<u>API Category</u>
15W-40	CI-4, CH-4, CG-4, CF / SL
10W-30	CI-4, CH-4, CG-4, CF / SL
5W-30 <sup>(1)</sup>	CF
Arctic (0W-30) <sup>(1)</sup>	CH-4, CG-4, CF / SJ
50	CF-2, CF
40	CF-2, CF
30	CF-2, CF
20W-20	CF
10W	CF

(1) Synthetic Blend

**U.S. Military Specification – Department of Defense Commercial Item Description (CID)**

2104G), and A-A-52039 (formerly MIL-L-46152E).

Meets the engine performance requirements of A-A-52306A (formerly MIL-L-2104G, MIL-PRF-

**Typical Properties**

Properties	Ultralube® Super Plus								
	10W	20W	30	40	50	0W-30	5W-30	10W-30	15W-40
Density @ 15 ° C, Kg/l	0.8749	0.8785	0.8846	0.8875	0.8917	0.8460	0.8691	0.8865	0.8850
Viscosity cSt @ 40 °C	38.5	61.7	97.7	142.1	216.5	64.8	66.9	86.6	131.7
cSt @ 100 °C	6.3	8.6	11.6	14.6	19.1	11.8	11.5	12.0	15.8
Cold Cranking Viscosity cP @ ° C	5328 @ -25	3145 @ -15	-	-	-	5101 @ -35	5638 @ -30	6463 @ -25	6554 @ -20
Viscosity Index	113	110	106	101	99	182	167	132	126
Flash Point ° C	215	233	229	249	271	220	219	221	225
Pour Point ° C	-39	-33	-30	-27	-24	-45	-45	-40	-33
Borderline Pumping ° C	-30	-31	-	-	-	-40	-35	-30	-25
Sulphated Ash, % wt	0.74	0.74	0.74	0.74	0.74	1.20	1.20	1.33	1.33
Total Base Number (TBN) mg KOH/g	6.0	6.0	6.0	6.0	6.0	9.0	9.0	10.9	10.9

The values quoted are typical of normal production and do not constitute a specification.

**Package Availability**

Package	Ultralube® Super Plus								
	10 W	20W	30	40	50	0W-30	5W-30	10W-30	15W-40
Bulk	•		•	•		•		•	•
205-L Drum	•	•	•	•	•	•	•	•	•
20-L Pail	•	•	•	•	•	•	•	•	•
4-L Jug			•	•		•	•	•	•
1-L Bottle	•		•	•		•	•	•	•

Due to continuing research and development, the information contained herein is subject to change without notification.

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