



**MAXIMILE  
and MOLY MAXIMILE**

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# TECHNICAL DATA

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## **DESCRIPTION:**

**MAXIMILE** provides premium performance and protection in heavy, medium and light-duty applications. **MAXIMILE** is manufactured from low sulfur, or sweet-solvent, refined then Hydrocracked, Group III high natural VI, paraffin-based minerals oils.

These high-quality engine oils go through several refining steps to make them suitable for these applications. The solvent extraction process removes heavy, undesirable substances that might lead to sludge, gum or varnish under high performance engine conditions. The solvent extracted oils then go through a hydro-treating process that improves oil oxidation resistance, and only state-of-the-art additive systems are used.

**MAXIMILE** meets the latest ASTM/API/SAE requirements for CJ-4, CI-4, CI-4 Plus, SL, SJ and SH engine oils. They have also been tested under laboratory and fleet conditions and meet and/or exceed numerous engine manufacturers' specifications.

The additive system present in **MAXIMILE** protects against the following:

- Controlling low and high temperature deposit formations
- Wear, rust and corrosion protection
- Resistance to high temperature oxidation (end result being oil thickening)
- Neutralization of acids caused by fuel combustion
- Sheer stability at operating temperatures.

**MAXIMILE** is available with Molybdenum Disulfide ( $MoS_2$ ) for extra EP and wear protection.

- SAE 80 (AD100 and AD105, with  $MoS_2$ )
- SAE 80W90 (AD101 and AD106, with  $MoS_2$ )
- SAE 90 (AD102 and AD107, with  $MoS_2$ )
- SAE 85W140 (AD103 and AD108, with  $MoS_2$ )
- SAE 140 (AD104 and AD109, with  $MoS_2$ )



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**ADMAX Performance Lubricants – A leader in lubricant technology**

<b>TECHNICAL DATA</b>
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**USES:**

- Caterpillar
- Cummins Engine Company CES 20081
- John Deere & Company
- Detroit Diesel Corporation
- Dresser Construction Equipment
- Fiat-Allis North America
- Navistar
- Kawasaki Loaders
- Komatsu
- Ford Motor Company
- General Motors Corporation
- Chrysler Corporation
- Foreign manufacturers specifying engine oils meeting API Service Classifications CJ-4, CI-4, Plus, SL, SJ and SH
- Military specifications MIL-L-2104E, MIL-L-46152D and MIL-L-2104F
- Heavy-duty transmission oil such as Allison Transmission C-4 (excellent viton and silicon seal compatibility)
- Caterpillar Power Shift Transmissions T02/3
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**Note:** **MAXIMILE** is not recommended for aircraft or engines using silver as a bearing metal (marine diesel engines, some military vehicles and railroad locomotive engines).

**PERFORMANCE SPECIFICATIONS BY VISCOSITY GRADE:**

	15W40	10W40	10	30	40	50
CJ-4	X	X				
CI-4	X			X	X	X
CI-4 Plus	X		X	X	X	X
SH	X	X	X	X	X	X
MACK EO-O	X	X				
ALLISON C-4	X		X	X		
MIL-L-2104-F	X		X	X	X	



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**SPECIFICATIONS:**

ITEM	ASTM <sup>(1)</sup>	AD400 AD405	AD401 AD406	AD402 AD407	AD403 AD408	AD404 AD409
SAE Grade	J-306	10W30	10W40	30	15W40	20W50
API Gravity	D-287	29.0		26.4	29.3	
Viscosity Index	D-2270	148	157	123	136	160
Viscosity:						
SUS @ 100 <sup>0</sup> F	D-2161	350		530	556	
SUS @ 210 <sup>0</sup> F	D-2161	62		66	80	
cSt @ 40 <sup>0</sup> C	D-445	69		102	119.7	
cSt @ 100 <sup>0</sup> C	D-445	10.6		11.5	15.5	
Pour Point ( <sup>0</sup> F)	D-97	-35		-15	-20	
Flash Point ( <sup>0</sup> F)	D-92	400		440	410	
Sulfated Ash, Percent	D-874	<1				
TBN	D-2896	15+				

(1) American Society for Testing and Materials (ASTM)



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