

# ARCHER GOLD SYNTHETIC BLEND 10W-30 HEAVY DUTY DIESEL ENGINE OIL



Archer Gold Synthetic Blend SAE 10W-30 Heavy Duty Diesel Engine Oil is an API CK-4 oil, formulated using a combination of synthetic and mineral base oil. This blend of base oil provides outstanding protection against high-temperature oxidation, reducing harmful deposits.

Archer Gold Synthetic Blend SAE 10W-30 Heavy Duty Diesel Engine Oil protects and performs in all seasons. It safeguards engines under extreme heat equal to or exceeding typical multi-viscosity diesel engine oils. This oil also provides better protection in cold temperatures, especially at start up. This is a particularly important period during which an engine can be damaged if oil fails to reach the correct operating pressure and all critical lubrication areas quickly.

## FEATURES & BENEFITS

- Specially formulated to meet the requirements of EGR (Exhaust Gas Recirculation), DPF (Diesel Particulate Filters), and DOC (Diesel Oxidation Catalysts) equipped engines as well as enhance the performance and durability of older engines.
- Industry-leading shear stability maintains viscosity in support of extended drain intervals.
- Enhanced aeration control protects against air, foam and bubbles to help maintain the integrity of the oil for proper film protection.
- Excellent oxidation protection at higher temperatures.
- Provides exceptional oil consumption control which will lower oil costs due to less make up oil during operation.
- Formulated to provide superior soot control for protection against abrasive wear and soot induced oil thickening.
- Up to 30% synthetic base oil blended with hydrocracked group II base oil, refined using the most advanced techniques available.
- Excellent cold temperature performance.
- Measurable improvement in fuel economy versus conventional 15W-40 engine oil.

# TYPICAL SPECIFICATION DATA

ARCHER GOLD SYNTHETIC BLEND 10W-30 HEAVY DUTY DIESEL ENGINE OIL	
SAE GRADE	10W-30
Viscosity @ 100°C (cSt)	12.0
Viscosity @ 40°C (cSt)	80.0
Viscosity Index	145
Density (lb/gal)	7.22
CCS Viscosity (cP)	5,500
Pour Point (°C)	-36
Pour Point (°F)	-33
Flash Point (°C)	232
Flash Point (°F)	450
TBN	10.5
Sulfated Ash (% wt)	1.0
HTHS (cP)	3.5
Volatility (% loss)	14.8

## Meets or Exceeds:

- API CK-4, CJ-4, CI-4 PLUS, CI-4, CH-4, FA-4
- API SN, SM, SL, SJ
- ACEA E9, E7-2016
- Caterpillar ECF-3, ECF-2
- Cummins CES 20081, CES 20086, CES 20087
- Daimler MB 228.31
- Detroit Diesel DFS 93K218, DFS 93K222, DFS 93K223
- Deutz DQC III-18 LA
- Ford WSS M2C171-F1
- Mack EOS-4.5, EO-O Premium Plus, EO-N
- MAN M3775
- MTU Category 2.1
- Renault RLD-4, RLD-3
- Volvo VDS-4.5, VDS-4, VDS-3



<b>ARCHER GOLD SYNTHETIC BLEND 10W-30 CK-4</b>			
<b>Package Size</b>	<b>Item Number</b>	<b>Package Size</b>	<b>Item Number</b>
12 x 1 Qt.	244938	265 Gal.	244939
5 Gal.	244937	330 Gal.	244940
30 Gal.	244936	Bulk	244932
55 Gal.	244935		