

ARCHER GOLD FULL SYNTHETIC 5W-40 HEAVY DUTY DIESEL ENGINE OIL



Archer Gold Full Synthetic 5W-40 is an API CK-4/SN heavy-duty diesel engine oil. It is formulated to exceed performance-level requirements of API CK-4/SN and OEM standards. Engineered with advanced technology, Archer Gold Full Synthetic 5W-40 surpasses the higher-performance demands of modern engines equipped with advanced emission-control technology and exceeds API CK-4/SN requirements.

Fully backward compatible to protect older engines as well, it withstands the stress of heat, soot, and acids to help prevent deposits, corrosion, and wear, outperforming conventional SAE 15W-40 oils. Archer Gold Full Synthetic 5W-40 enables fleets to capture significant long-term cost efficiencies, while maximizing equipment performance and protection.

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.
- Excellent cold temperature performance.
- Long-lasting TBN (total base number) to neutralize acids and guard against corrosive wear.

**Always utilize used oil analysis if looking to extend drain intervals.*

TYPICAL SPECIFICATION DATA

ARCHER GOLD FULL SYNTHETIC 5W-40 HEAVY DUTY DIESEL ENGINE OIL	
SAE GRADE	5W-40
Viscosity @ 100°C (cSt)	14.5
Viscosity @ 40°C (cSt)	90.0
Viscosity Index	168
Density (lb/gal)	7.14
CCS Viscosity (cP)	6,200
Pour Point (°C)	-36
Pour Point (°F)	-33
Flash Point (°C)	223
Flash Point (°F)	433
TBN	10.5
Sulfated Ash (wt%)	1.0
HTHS (cP)	3.8
Volatility (% loss)	12.0

Meets or Exceeds:

- ACEA E9-2012, E7
- API CK-4, CJ-4, CI-4 PLUS, CI-4, CH-4
- API SN
- Caterpillar ECF-3, ECF-2, DEO-ULS, DEO
- Cummins CES 20086, CES 20081
- Daimler MB 228.31
- Detroit Diesel DFS 93K222, DFS 93K218
- Ford WSS M2C171-F1
- Mack EOS-4.5, EO-O Premium Plus, EO-N
- MAN M3575
- MTU Category 2.1
- Renault RLD-4, RLD-3
- Volvo VDS-4.5, VDS-4, VDS-3

ARCHER GOLD FULL SYNTHETIC 5W-40 API CK-4			
Package Size	Item Number	Package Size	Item Number
12 x 1 Qt.	207769	55 Gal.	207885
2 x 2.5 Gal.	207886	265 Gal.	234154
30 Gal.	217541	Bulk	207884