

KEEPING THE
WORLD
RUNNING
SMOOTHLY.



CK-4 & FA-4: MAXIMIZE YOUR FLEET

Phillips 66® Heavy Duty Engine Oils are formulated to extend the life of your equipment and increase fuel economy.

Our products exceed all CK-4 and FA-4 specifications. The performance requirements of CK-4 and FA-4 go beyond API CJ-4. All of our products endured the same rigorous performance testing and are the fastest, most inexpensive way to benefit your fleet or equipment—while increasing durability.



CK-4

BENEFITS

- Improved wear protection and durability
- Backwards-compatible for all applications that required CJ-4
- Increased fuel efficiency compared to 15W-40 (SAE 10W-30, 5W-30)
- Improved aeration and oxidation control
- Lower volatility

APPLICATIONS

- Trucking
- Construction Equipment
- Mining Equipment
- Agriculture Equipment
- Off-road Equipment

PRODUCTS

Full Synthetic:

- Triton® ECT with Liquid Titanium® (5W-40)
- Triton Euro (5W-30)
- Triton Arctic with Liquid Titanium (0W-40)

Premium Synthetic Blend:

- Guardol ECT® with Liquid Titanium (15W-40, 10W-30)

Re-refined:

- Firebird EC® (15W-40)

Market General:

- Fleet Supreme EC® (15W-40, 10W-30)



FA-4

BENEFITS

- Increased fuel economy versus CK-4 10W-30
- Same outstanding wear protection as Guardol ECT 15W-40 and 10W-30 (CK-4) on the DD13 Scuffing Test (ASTM D8074)
- On-highway severe duty service
- Passes all CK-4 performance testing

APPLICATIONS

- Trucking (Class 3–8)
- Other equipment that may benefit from a lower viscosity product or take advantage of fuel economy benefits

PRODUCTS

Full Synthetic:

- Triton FE with Liquid Titanium (5W-30)

Premium Synthetic Blend:

- Guardol FE® with Liquid Titanium (10W-30)

CK-4 & FA-4 PRODUCTS



MARKET GENERAL	RE-REFINED	PREMIUM SYNTHETIC BLEND		FULL SYNTHETIC			
FLEET SUPREME EC®	FIREBIRD EC®	GUARDOL ECT® W/ LIQUID TITANIUM®	GUARDOL FE® W/ LIQUID TITANIUM	TRITON® ECT W/ LIQUID TITANIUM	TRITON EURO	TRITON ARCTIC	TRITON FE W/ LIQUID TITANIUM
CK-4	CK-4	CK-4	FA-4	CK-4	CK-4	CK-4	FA-4
Product Tier Diesel only	Product Tier Universal oil	Product Tier Diesel only	Product Tier Diesel only	Product Tier Diesel only	Product Tier Universal oil	Product Tier Diesel only	Product Tier Universal oil
Viscosity 15W-40, 10W-30	Viscosity 15W-40	Viscosity 15W-40, 10W-30	Viscosity 10W-30	Viscosity 5W-40	Viscosity 5W-30	Viscosity 0W-40	Viscosity 5W-30
Specs* All major OEM specifications	Specs* All major OEM specifications	Specs* All major OEM specifications	Specs* All major OEM specifications	Specs* All major OEM specifications	Specs* ACEA E6/E9, major domestic and European specifications	Specs* All major OEM specifications	Specs* API SN, all major OEM specifications
Performance Benefits Excellent performance in standard service	Performance Benefits Excellent performance in standard service, re-refined base oil	Performance Benefits Excellent for severe duty	Performance Benefits Superior fuel efficiency	Performance Benefits Superior performance in extreme conditions	Performance Benefits Extended service	Performance Benefits Unparalleled performance in arctic conditions	Performance Benefits Fuel economy, superior low-temp properties, long drain intervals
Customer/Applications Fleets, off-road	Customer/Applications Fleets, off-road, state/local agencies	Customer/Applications Trucking, construction, mining, agriculture	Customer/Applications On-highway fleets seeking fuel economy without compromising engine protection	Customer/Applications On- and off-highway in low temperatures	Customer/Applications European OEMs including DAF, Daimler, Iveco, MAN, Volvo Renault	Customer/Applications On- and off-highway operating in arctic extremes	Customer/Applications On- and off-highway operating in arctic extremes

*See Product Data Sheet for full list of approvals



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