

PURUS[®]

CUT THE COST, NOT THE QUALITY.
"YOU CAN TAKE IT TO THE LAB."

PURUS[®] SYNTHETIC BLEND SAE 10W-30 FA-4 ENGINE OIL



DESCRIPTION

PURUS SAE 10W-30 API FA-4 Synthetic Blend Heavy Duty Engine Oil is purpose built and engineered for high speed four-stroke turbo charged diesel engines, equipment operating in severe conditions, higher operating temperatures, modern lower oil consumption engines and longer engine manufacturers recommended oil change intervals.

PURUS SAE 10W-30 API FA-4 Synthetic Blend Heavy Duty Engine Oil is formulated to meet these industry drivers and challenges:

(API FA-4 SAE 10w30 engine oil should only be used when recommended by the engine manufacturer)

- Provides longer engine durability
- Improved fuel efficiency compared to other engine oil viscosities and sustainable fuel efficiency advantage over longer oil change intervals
- Improved exhaust aftertreatment protection, yielding reduced maintenance costs
- Reduced GHG (Green House Gas) Emissions and carbon footprint

PERFORMANCE BENEFITS

INDUSTRY DRIVERS	PURUS 10W-30 FA-4 SYN BLEND SUPPORTING TECHNOLOGY	PURUS BENEFITS PERFORMANCE ADVANTAGES
Engine Durability is at the forefront of OTR and Vocational applications operating in a wide range of working conditions from light to severe duty service. Extended oil change intervals and higher efficiency demands require the engine oil to perform multiple operating responsibilities	PURUS Advanced Additive Technology <ul style="list-style-type: none">• Controls soot related viscosity increase that can cause premature oil filter plugging, soot related wear, decreased fuel efficiency• TBN Retention over extended oil change intervals and higher operating temperatures that neutralizes corrosive combustion acids• Clean engine deposits & oil consumption control• Maintains viscosity and shear stability under high loads and extended oil service intervals	Field Tested and Proven Million Mile Engine and Running <ul style="list-style-type: none">• ODI extended to 50,000 mile• Engine teardown revealed like new parts• Scan QR Code for Million Mile Video
Longer Diesel Aftertreatment Warranty and Useful Life Periods <ul style="list-style-type: none">• Engine manufacturers are challenged with providing engine oils that promote longer engine aftertreatment useful life which are impacted by engine oil chemistry	PURUS Balanced Additive Anti Clogging DPF Technology <ul style="list-style-type: none">• Balanced additive package with higher Magnesium & Calcium additives vs. some competitive brands with lower Magnesium and higher Calcium additive systems• Industry leader in reducing oil consumption	PURUS Synthetic Blend 10W-30 provides the following benefits <ul style="list-style-type: none">• Balanced additive technology improves Diesel Particulate Filter (DPF) porosity and flow, which reduces clogging & back pressure resulting in decreased fuel use• Longer DPF life results in lower maintenance & less cleaning costs
Sustainable Fuel Efficiency <ul style="list-style-type: none">• Critical to fleets operating with extended ODI and severe service.	PURUS Synthetic Blend 10W-30 Stable Viscosity Technology <ul style="list-style-type: none">• Utilization of synergistic oxidation control and soot related viscosity increase additive technology	PURUS Synthetic Blend 10W-30 has field test proof that supports minimal viscosity increase at longer ODI with stable fuel consumption at the engine oil service interval.
Decreased Fuel Consumption and GHG Emissions <ul style="list-style-type: none">• Current Phase II and coming Phase III GHG fuel reduction regulations in 2027 continue to target five engine groups of on highway vehicles to improve fuel efficiency and reduce Green House Gases.	PURUS Synthetic Blend 10W-30 Stable Viscosity <ul style="list-style-type: none">• Stays in grade even at longer oil change intervals to resist viscosity increase and maintain fuel efficiency	Fuel Savings Results <ul style="list-style-type: none">• Maintains from 1% to 3% fuel efficiency depending on application and operating conditions

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APPLICATIONS

PURUS SAE 10W-30 API FA-4 Synthetic Blend Heavy Duty Engine Oil

- Meets or exceeds API Service Classification FA-4, Cummins CES20087 and Detroit DFS 93K223
- Note: API FA-4 oils are NOT interchangeable or backward compatible with API CK-4, CJ-4, CI-4 Plus, CI-4, or CH-4 oils
- Refer to individual engine manufacturer recommendations regarding compatibility with FA-4 oils



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TYPICAL PROPERTIES*

Viscosity at 40° C, cST	D445	66.5
Viscosity at 100° C, cST	D445	10.1
Viscosity Index	D2270	137
Pour Point °C (F)	D97	-33 (-27)
Flash Point °C (F)	D92	238 (460)
Sulfated Ash, wt. %	D874	1.0
Cold Crank Simulator, cP	D5293	6040/-25°C
Mini-Rotary Viscometer TPI, cP	D4684	18000/-30°C
High Temperature High Shear at 150° C, cP	D4683	3.1
TBN	D2896	10

*Due to continual product research and development, the information contained herein is based on products purchased in the U.S. and subject to change without notification. Typical properties may vary slightly.

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PRODUCT	5 GAL PAIL	55 GAL DRUM	TOTE	BULK
Syn Blend 10W-30 FA-4	PHD27322	PHD17322	PHD57322	17322