

Catalys® Premium Plus CK-4

DESCRIPTION

Catalys Premium Plus CK-4 multigrade engine oils are specially formulated to meet the requirements of the 2017 engines, which effectively reduces CO2 emissions and improves fuel economy. It is formulated to also meet previous requirements for low-emission diesel engines compliant with 2010 standards with Selective Catalytic Reduction (SCR), diesel particulate filter (DPF) and exhaust gas recirculation (EGR) systems. These multi-purpose crankcase oils not only exceed API CK-4 requirements, but are backwards compatible making it ideal for large, small, and mixed fleets where multiple service categories may be recommended. One oil means ease of use and better efficiencies.

APPLICATION / BENEFITS

Premium Plus CK-4 is engineered to optimize service drain intervals by using an advanced technology to control soot, oxidation, and wear corrosion. It helps to optimize service life of the engine and reduce downtime. **Catalys Premium Plus CK-4** meets the requirements of all major diesel engine manufacturers for both on and off-road applications. It is also suitable for use in older generation engines such as Caterpillar, Cummins, Mack, Volvo, Detroit Diesel, Mercedes-Benz, and International

Catalys Premium Plus CK-4 exceeds the following industry standards: API CK-4, CJ-4, CI-4 Plus, Mack EO-O Premium Plus, EOS-4.5, Volvo VDS 4, VDS 4.5, Detroit Diesel 93K218, 93K222, Cummins CES 20081, 20086; Ford WSS-M2C171-F1. For a full listing of specifications, please consult your local Catalys Lubricants representative.

Catalys Premium Plus 10W30 CK-4 provides enhanced fuel economy while maintaining excellent performance and protection of engine components. To be used when engine manufacturers (OEM) recommend this grade.

PHYSICAL PROPERTIES	ASTM METHOD	Premium Plus SAE 10W30	Premium Plus SAE 15W40
Kinematic Viscosity at 40°C, cSt	D445	82,7	110,0
Kinematic Viscosity at 100°C, cSt, per SAE std	D445	12,1	15,0
Viscosity Index	D2270	142	140
Density at 15°C, kg/L	D1298	0,870	0,880
Flash Point, °C	D92	220	220
Pour Point, °C	D97	-39	-36
Total Base Number (TBN), mgKOH/g	D2896	8,0	8,0
Dynamic Viscosity (CCS), °C/mPa.s, max	D5293	-25°C/7000	-20°C/7000

The values listed above are typical of current production, variations in these properties may occur.

AVAILABLE PACK SIZES

	Bulk	Tote	Drum	Pail
Catalys Premium Plus 10W30	07-2121-00	07-2121-04	07-2121-05	07-2121-10
Catalys Premium Plus 15W40	07-2155-00	07-2155-04	07-2155-05	07-2155-10

THE PACK SIZES ABOVE ARE OUR STANDARD PACK SIZES. PLEASE COMMUNICATE WITH US TO FIND OUT FORMATS AVAILABLE LOCALLY.

HEALTH / SAFETY

GHS compliant English and French Safety Data Sheets are available at catalyslubricants.ca under 'Safety Data Sheets'. Keep container closed when not in use. Please refer to the SDS for safe handling information. Always take used oil and containers to an authorized collection point. Avoid discharge into the environment. As with any oil, keep out of reach of children and animals.

QUALITY

Catalys Lubricants partners with respected industry suppliers to bring you high quality products. For more information, contact your local Catalys Representative. Please ensure this product is right for the equipment by following the recommendations of the equipment operating manual.

CONTACT US

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V4G 1E7	T5M 3V6	R3E 3J6	N6E 2Z9	J4G 1E6
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