



Volvo Group Trucks Technology

STD 417-0003 approval

Company name: Association of Independent Oil Distributors
Product name: PURUS Synthetic
Oil code(s): IM12000007 =
Viscosity grade: SAE 5W-40

Volvo VDS-4.5 approval	Yes
Mack EOS-4.5 approval	Yes
Renault Trucks RLD-3 approval	Yes

Approval date: March 8, 2025 **Approval #:** 417-0003-25-085

Validity: Approval expires two years after the approval date.
For approval extension, a complete and updated approval form must be submitted at the expiry date \pm two months.

Approval:

Approved



Volvo Group Trucks Technology

Disclaimer: This approval is solely based on information submitted by the applicant and no further quality check is made by Volvo. Hence, Volvo takes no responsibility to ensure that the quality of this product is continuously maintained. This is the sole responsibility of the Company (see above).



Detroit Diesel Corporation
13400 Outer Drive, West
Detroit, Michigan 48239-4001
Telephone: 313-592-5000

TEI
12718 Cimarron Path
San Antonio, Texas 78249-3423

Original Product Registration Date: 02/26/17
2025 Annual Renewal Fee Paid / Product Registration Extended Until: 02/26/26

Sherry Burr
AIOD
PO Box 1861
Montrose, CO 81402
sburr@newwestmarketing.com

Dear Mrs. Burr,

RE: CONFORMANCE TO DFS OIL SPECIFICATION 93K222

Results from engine and bench tests, in accordance with DFS Oil Specification 93K222, have been presented to TEI for review as requested by DDC. In view of the results, we would like to make the following comments.

The results reported on the registration request have been found to be within DFS Oil Specification 93K222 limits and specification; hence oils formulated as stated in your request can be labeled as conforming to DFS Oil Specification 93K222.

Company Name: AIOD

Product Name: PURUS Full Synthetic 5W-40 CK-4 [REDACTED]

SAE Grade: 5W-40 [REDACTED]

The oil shall be used per the ambient temperature and grade guidelines in the engine specific Operation and Maintenance (O & M) manual, as well as in any DDC service documents.

Please notify TEI and DDC immediately if, for any reason, the formulation for this oil changes. Changes to the oil formulation, without written approval, may void this letter of conformance. In addition, as per the DDC specification, this product will be subject to future field sample analysis for compliance.

Sincerely,

A handwritten signature in black ink, appearing to read 'S. L. Gearhart', written over a light-colored background.

Steve L. Gearhart

cc: S. Neal

DISCLAIMER: Product registration means the manufacturer or marketer has faithfully collected information pertinent to the requirements of the specification and with the full intention to conform to the specification. However, it is still the responsibility of the manufacturer or marketer to ensure satisfactory performance of its products in all aspects at all times. Registration for DFS Oil Specification 93K222 does not waive the liability of the manufacturer or the marketer. DDC does not warrant the performance of non-DDC products, registered or not.

View All Products

Oil

Search Criteria

CAN# Product Name Product Type Parent/Child Company Name

Oil Code CES Template Registration Type Product Status

From Date To Date

Note** : Search renewal date range.

Reset

Products List

Select Columns To Hide

<input type="checkbox"/>	CAN#	Renewal Activation Date	Registration Type	Parent/Child	Registration Month	Product Status	Matched CML- Customer- QSOL	Product Name	Oil Code	Viscosity Grade	CES
<input type="checkbox"/>		2023-11-22 07:22:13	Renew	Parent	February	Active	Distributors	Purus Synthetic Blend TFO		15W-40	20086
<input type="checkbox"/>		2023-11-22 07:22:13	Renew	Parent	February	Renewal Completed Product Active	Association of Independent Oil Distributors	Purus Synthetic Blend TFO		15W-40	20086
<input type="checkbox"/>		2023-11-22 07:22:13	Renew	Parent	January	Renewal Completed Product Active	Association of Independent Oil Distributors	TechSelect Synthetic Blend HDEO		15W-40	20086
<input type="checkbox"/>		2023-11-22 07:22:13	Renew	Parent	January	Renewal Completed Product Active	Association of Independent Oil Distributors	Service Pro Synthetic Blend		15W-40	20086
<input type="checkbox"/>		2023-11-22 07:22:13	Renew	Parent	January	Renewal Completed Product Active	Association of Independent Oil Distributors	Purus Synthetic Blend		15W-40	20086
<input type="checkbox"/>		2023-11-22 07:22:13	Renew	Parent	January	Renewal Completed Product Active	Association of Independent Oil Distributors	Purus Synthetic Blend		10W-30	20086
<input type="checkbox"/>		2024-05-17 09:04:31	Renew	Parent	July	Renewal Completed Product Active	Association of Independent Oil Distributors	PURUS Synthetic		5W-40	20086

DIESEL MOTOR OILS MEETING FORD WSS-M2C171-F1

Brand Name	Viscosity	Supplier
5W-40 — continued		
Premium Blue Extreme	5W-40	Valvoline
PURUS Synthetic 5W-40	5W-40	AIOD
Rallye Maximum Duty Plus Full Synthetic	5W-40	AMALIE Oil Company
Rotella® T6 Full Synthetic SAE 5W-40	5W-40	Shell Lubricants
Royal Purple Duralec Super	5W-40	Calumet Branded Products, LLC
Sinclair	5W-40	Sinclair Oil Corporation
Sunoco Gold Elite	5W-40	Sunoco Lubricants
Suprex Gold ESP	5W-40	GROWMARK Inc.
Synzol HDEO	5W-40	Universal Lubricants
SYSTEM7	5W-40	Atlantic States Lubricants
TiLUBE	5W-40	Tilube, LLC
U.S. LUBRICANTS MAXIMUM DUTY-PLUS Full Synthetic	5W-40	AMALIE Oil Company
Value Tech Maxium Duty Plus Full Synthetic	5W-40	AMALIE Oil Company
Wolf's Head Extreme-Duty Synthetic Blend Full Synthetic	5W-40	AMALIE Oil Company
Xcel Maximum Duty Plus Full Synthetic	5W-40	AMALIE Oil Company
10W-30		
49N ADVANCED HD CK4 ENGINE OIL SAE 10W-30	10W-30	49 North Lubricants
711 SynShield™ OTR Plus SAE 10W-30	10W-30	Schaeffer Mfg.
722 SynShield™ Ultra Performance SAE 10W-30	10W-30	Schaeffer Mfg.
Advantage HD DEO Synthetic Blend	10W-30	Country Mark
Advantage Ultra Premium Plus 10W-30 CK-4	10W-30	Advanced Lubrication Specialties
All Fleet T SAE 10W-30	10W-30	Champion Brands
All-Fleet Plus	10W-30	Valvoline
All-Fleet Plus E900	10W-30	Valvoline
Allied	10W-30	Allied Oil and Tire Company
Amstar HDDO 10W30	10W-30	World Fuel Services
Altra Fleet 10W-30 CK-4	10W-30	Allegheny Petroleum
AMALIE XLO Ultimate Synthetic Blend Molybdenum Fortified	10W-30	AMALIE Oil Company
Archer Gold Synthetic Blend	10W-30	GROWMARK Inc
Bel-Ray® Hyperion™ Synthetic Blend	10W-30	Calumet Branded Products, LLC
Bestbuy Pro Premium Diesel CK-4 Synthetic Blend SAE 10W-30	10W-30	Highlands Blending & Packaging G.P. DBA Coastal Blending & Packaging
Big Red	10W-30	Big Red Oil Products Inc.
Bigfoot Syn Blend	10W-30	Lubricating Specialties Company
Black Bear SHD CK-4	10W-30	Black Bear Lubricants
Blue Mountain Professional	10W-30	Old World Industries, LLC
CAM2 SYNTHETIC BLEND SUPER HD	10W-30	CAM2 International, LLC
Capital Bulk	10W-30	Mid-States Distributing Company
CARQUEST	10W-30	Advance Auto Parts
Carquest Premium CK-4 Synthetic Blend SAE 10W-30	10W-30	Highlands Blending & Packaging G.P. DBA Coastal Blending & Packaging

[COMPANY INFO](#)[PRODUCTS](#)[FORMULATIONS](#)[AUDITS](#)[PUBLIC DIRECTORY](#)

Product Detail - AIOD - PURUS SYNTHETIC

Instructions

This page allows licensees to add new formulations, associate existing formulations, request formulations from suppliers, and remove formulations. To save your changes, please click 'Submit' at the bottom of the page for all changes to take effect.

▼ Product Information

Brand Name: PURUS SYNTHETIC

Viscosity Grade: 5W-40

API Service Category,
Classifications & ILSAC

Specification: CK-4, CJ-4, CI-4, CH-4/SN CI-4 PLUS

Market Date: 26-Jan-2017

Product ID:

Status: Approved

Data Last Certified By: Sherry Burr

Data Last Certified On: 26-Jan-2017