

DIESEL ENGINE OIL

OPTIMA Series



Product of **Singapore**

www.hpure-lube.com

OPTIMA PREMIUM SERIES



Optima Premium Series uses high quality fully synthetic base oils which have naturally high viscosity index & superior thermo-stability to meet the highest API specifications.

PRODUCT CHARACTERISTICS

- ▶ Meets highest API CK-4/SN standard
- ▶ Uses high quality synthetic base oils
- ▶ Helps to meet EURO V & VI emissions requirements
- ▶ Protects Engine & Reduce Component Wear



OPTIMA PREMIUM SERIES - SAE VISCOSITY & API GRADE

Product Grade	DX9	DX
SAE Grade	10W-30 10W-40 15W-40	5W-30 5W-40 10W-40
API Grade	CK-4/SN	CK-4/SN

ENGINE PISTON (Product Application)



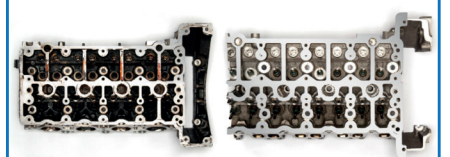
Other Product

Optima Premium Series

MEET THE REQUIREMENTS OF

Product	Requirement Specifications
Optima DX9	API CK-4, API SN IN SAE 10W40 AND SAE 15W40, ACEA E7, ACEA E9, ALLISON TES 439 IN SAE 15W40, CATERPILLAR ECF-3, CUMMINS CES 20086, DETROIT DIESEL DFS 93K222, DEUTZ DQC III, FORD WSS-M2C171-F1, JASO DH-2, MACK EOS-4.5, MACK EO-O Premium Plus, MACK EO-N, MAN M3775, MERCEDES BENZ MB 228.31, MTU CAT 2.1, RENAULT RLD-4, VOLVO VDS-4.5
Optima DX	API CK-4, ACEA E6, ACEA E9, CUMMINS CES 20086, DETROIT DIESEL DFS 93K222, JASO DH-2, MACK EOS-4.5, MAN M3677, MERCEDES BENZ MB 228.51, RENAULT RLD-4, SCANIA LDF-4, VOLVO VDS-4.5

ENGINE VALVE DECK (Product Application)



Other Product

Optima Premium Series

OPTIMA ADVANCE SERIES



Optima Advance Series is well formulated with advanced Group 2 base oils using advanced blending technology to achieve low emissions, fuel economy and extended drain capability.

PRODUCT CHARACTERISTICS

Formulated with Advanced Group 2 Base Oils
Designed for Less Emission of Heavy-Duty Engines
Enhance Oil Drain Capability
Good Engine Thermal Control & Oil Consumption



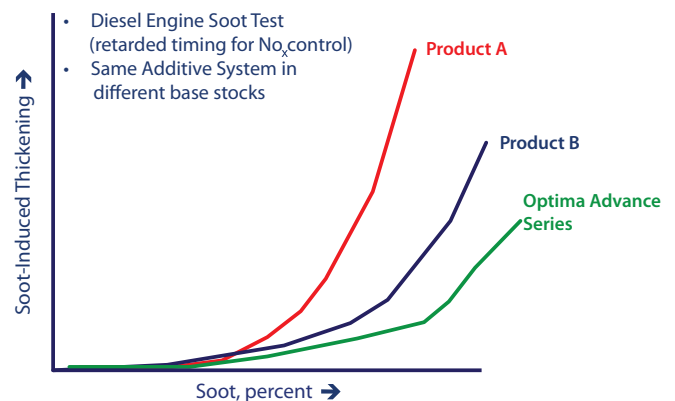
OPTIMA ADVANCE SERIES - SAE VISCOSITY & API GRADE

Product Grade	D9	D6	D5	D3	D2
SAE Grade	10W-30 15W-40 10W-40	15W-40 15W-50 20W-50	15W-40 20W-50 15W-50	15W-40 20W-50	SAE 30 15W40 20W50
API Grade	CK-4/SN	CI-4/SL	CH4/SJ	CF4/SG	CF/SF

MEET THE REQUIREMENTS OF

Product	Requirement Specifications
Optima D9	API CK-4/SN in SAE 15W40, API CK-4 & FA-4 in SAE 10W30, API CJ-4, CI-4+, CI-4, CH-4, ACEA E9-12, E7-12, Caterpillar ECF-3, Cummins 20081, 20086, 20087, Daimler MB 228.31, Deutz DQC III-10 LA, DDC 93K222, DDC 93K223, DDC 93K218, Ford WSS-W2C171-E, WSS-W2C171-F, Mack EOS-4.5, EO-O Premium Plus, MAN M3275, M3275, MTU Category 2.1, Renault RLD-4, RLD-3, Volvo VDS-4.5, VDS-4
Optima D6	API CI-4/SL, ACEA E7, Caterpillar ECF-2/1A, Cummins CES 20078, Cummins CES 20077, Cummins CES 20076, Detroit DFS 93K215, Deutz DQC III-18, JASO DH-1, Mack EO-M, EO-M PLUS, MB-Approval 228.3, MAN M3275, MTU Category 2, Volvo VDS-3, Mack EO-N, Renault RLD-2
Optima D5	API CH4/SJ, Cummins CES20076, ACEA E5, Mercedes-Benz 228.1 / 228.3, MAN M3275, MAN 270 / 271, Mack Cat 1 / Cat 2, VOLVO VDS-2
Optima D3	API CF4/SG
Optima D2	API CF/SF

BASE OIL SOOT TEST



YOUR RELIABLE CHOICE

HPure Lubricants are based on US-led advanced lubricant technologies, using highly refined base oils and the newest standard additives. HPure Lubricants are well-formulated products meeting the requirements of modern engines and API, ACEA and OEM specifications.

PERFORMANCE IN OUR PRODUCTS

HPure Lubricants embodies the notion that our lubricants provides the energy required by your engines and machinery, beyond lubricant limitation boundaries.

VALUE IS OUR PRINCIPLE

HPure Lubricants provides a full range of support from initial product selection, formulation development, technical & logistics support, while still ensuring that our clients benefit from competitive pricing.

Contact us

Email: enquiry@hpure-lube.com

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Authorized Distributor:



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