



Shell Rimula R4 X 15W - 40

(CI - 4/E7/DH - 1)

• 3가

R4 X 가 : 1) , 2) 3가 3) .



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• R4 X

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- API: CI - 4, CH - 4, CG - 4, CF - 4, CF.SL
- ACEA: E7, E5, E3
- Global DHD - 1
- 가 • Caterpillar: ECF - 2, ECF - 1 - A
- Cummins: CES 20078,77,76,75,72,71
- DDC: 93K215
- Deutz: DQC III - 10
- Mack: EO - M+, EO - M
- MAN: M3275 - 1
- MB Approval: 228.3
- MTU: Category 2
- Renault Trucks: RLD - 2
- Volvo: VDS - 3
- JASO: DH - 1

R4 X

가 가 가

(Soot)

가

가

(Soot)

R4 X

R4 X

Shell

LubaMatch

가

R3



• 가

R4 X

• 가

R4 X Euro 5,4,3,2, US 2002 가

가

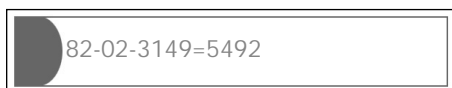
R4 L 가 (DPF) 가 가
R5 LE

Properties			Method	Rimula R4 X
SAE				15W - 40
	@40°C	mm2/s	ASTM D445	109
	@100°C	mm2/s	ASTM D445	14.7
CCS	@ - 20°C	mPas	ASTM D5293	6700
			ASTM D2270	139
가 (TBN)		mgKOH/g	ASTM D2896	10.5
		%	ASTM D874	1.45
	@15°C	kg/l	ASTM D4052	0.888
	COC	°C	ASTM D92	230
		°C	ASTM D97	- 36

R4 X

MSDS , MSDS <http://www.epc.shell.com/>

가



Bonhan

Koo