

# ARGuard™ Synthetic Blend Heavy Duty Diesel Engine Oils

PROD. CODE  
7223, 7224

ARGuard™ Synthetic Blend Heavy Duty Diesel Engine Oils are heavy duty engine oils recommended for today's high-performance, low emissions diesel engines requiring an API CK-4 oil. ARGuard™ Synthetic Blend Heavy Duty Diesel Engine Oils are formulated to provide superior corrosion protection that enables engines to run smoother and stay clean longer.

## FEATURES & BENEFITS

- Excellent soot control, oxidation stability and TBN retention
- Performance benefits in both on- and off-road applications
- Delivers excellent low temperature pumpability for protection during cold starts

## INDUSTRY & OEM SPECIFICATIONS

- API CK-4, CJ-4
- Caterpillar CAT ECF-3
- Cummins CES20086
- Detroit Diesel DDC93K222
- Duetz DQC III-18 LA
- ACEA E7/E9-2016
- Ford WSS M2C-171-F1 (15W-40)
- Mack EOS 4.5
- Renault RLD-3
- Volvo VDS-4.5
- MAN M3775
- MTU Type 2.1
- Daimler MB228.31

## APPLICATIONS

ARGuard™ Synthetic Blend Heavy Duty Diesel Engine Oils are recommended for a wide range of on- and off-road heavy duty applications such as construction, mining, agricultural and over-the-road transportation.

METHOD	DESCRIPTION	TYPICAL	
		7223	7224
	API SERVICE	10W-30, CK-4	15W-40, CK-4
	LBS/GAL	7.217	7.266
D4052	API GRAVITY	32.0	30.9
D445	VISCOSITY @ 40 °C, cSt	79.2	110.2
D445	VISCOSITY @ 100 °C, cSt	11.9	14.9
D2270	VISCOSITY INDEX	145	140
D5293	CCS @ -20°C, cP		5,520
D5293	CCS @ -25°C, cP	6,060	
D1500	COLOR	4.5	4.5
D5949	POUR POINT, °C	-36	-36
D92	FLASH POINT, °F	450	440
D2896	TBN	8.77	8.77
D874	SULFATED ASH, wt. %	1.0	1.0

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