



# HEAVY DUTY DIESEL ENGINE OIL

## SAE 5W-40 CK-4

Wakefield Diesel Engine Oil 5W-40 provides superior performance and protection, especially in low temperature environments.

This engine oil helps with cold-weather start ups, conserves energy and reduces engine wear.

### Advantages

- Helps with cold weather starting
- Offers extended wear protection
- Reduces thickening due to oxidation
- Maintains shear stability longer
- Helps conserve energy

TYPICAL CHARACTERISTICS		
TEST PARAMETER	ASTM METHOD	TYPICAL RESULT
SPECIFIC GRAVITY 15°C (60°F)	D-4052	0.857
KINEMATIC VISCOSITY CST @ 40°C	D-445	87.8
KINEMATIC VISCOSITY CST @ 100°C	D-445	14.8
VISCOSITY INDEX	D-2270	177
CCS VISCOSITY	CP @ -30°C D-5293	6535
EVAPORATIVE LOSS, NOACK, WT%	D-6375	12
FLASH POINT, °C	D-92, °C	222
POUR POINT, °C	D-97, °C	-45
Color (ASTM)	D-1500	2.5
TBN	D-2896	10



**Meets the Requirement of:**

- API CK-4
- API CJ-4
- ACEA E9
- ACEA E7
- ACEA E4
- ACEA E2
- Cummins CES 20086
- Detroit Diesel DFS 93K222
- Mack EO-S 4.5
- Volvo VDS-4.5
- Renault Truck RLD-4
- Caterpillar ECF-3
- Ford WSS M2C171-F1
- Ford WSS M2C171-E
- Mercedes Benz 228.31
- Mercedes Benz 228.3
- MTU Type 2.1
- MTU Type 2.0

**Health and Safety**

Based on available information, this product is not expected to produce adverse effect on health when used for the application referred to above and the recommendations provided in the Safety Data Sheet (SDS) are followed. SDS' are available upon request through your sales contact office. This product should not be used for purposes other than the applications referred to above. If disposing of used product, take care to protect the environment, return used oil to collection centre.