

Premium DEO 0W-30, 0W-40

Full Synthetic Heavy Duty Diesel Engine Oil

Description

Nemco Premium DEO 0W-30 and 0W-40 are full synthetic engine oils suitable for CK-4 service and are engineered for 2007 model year and newer diesel engines with advance emission control systems.

Premium DEO 0W-30 and 0W-40 are formulated with high quality, high viscosity index synthetic base stocks, and a proven additive system with the proper balance of metallic detergents and dispersants, multipurpose inhibitors and a shear stable viscosity index improver. These products are proven to protect diesel particle filter (DPF) emission systems against ash and particle build up. In addition they provide, improved engine protection from soot, deposits, varnish, wear, acids, viscosity shear loss, and oil consumption.

Advantages

- Excellent TBN retention to neutralize deposits, soot, and acids during the course of a drain interval
- Protects DPF (diesel particle filter) against ash and particle build up
- Prevents wear by providing stable viscosity at high temperature / high load conditions
- Wide temperature range performance and enhanced fuel economy
- Excellent cold flow properties ensure faster lubrication during cold starts; maximizes engine life Exceptional soot and deposit control reducing engine wear and extending engine life

Applications

Four-stroke naturally aspirated and turbocharged diesel engines and when the manufacturer recommends the use of 0W-30 and 0W-40 diesel engine oils. For all Tier IV and newer low-emission engines with exhaust after treatment devices and for all pre-Tier IV engines specifying older API CI-4 Plus or CI-4. When using ultra-low or low-sulfur diesel fuel.

Recommended/Suitable for

- Suitable for Use API CK-4, CJ-4, CI-4 Plus, CI-4
- Mack EO-O PP 07', EO-N PP 03, EO-M Plus, EO-M
- Volvo VDS-4, VDS-3
- Cummins 20081
- Caterpillar ECF-3, ECF-2
- Detroit Diesel 93K218/15/14
- Mercedes Benz 228.31
- Global DHD-1
- ACEA E9/E7
- JASO DH-2

Use and Storage

To get the best performance from your equipment ensure products meet or exceed manufacturing requirements. Lubricants typically have a shelf life of 5 years under ideal storage conditions. Keep drums and totes in good condition and away from moisture. Keep bungs securely in place; as bungs breath, moisture can seep in over time. Where possible, avoid storage in areas where the temperature fluctuates between extreme highs and lows.

Health, Safety, & Environment

GHS compliant Safety Data Sheets are available at nemco.ca under 'Safety Data Sheets'. For SDS in French, please contact info@nemco.ca. This material is WHMIS Classified. The SDS contains valuable information critical to the safe handling and proper use of the product. Always take used oil to an authorized collection point. Avoid discharge into drains, soil, or water. As with any lubricant, keep out of reach of children and animals.

Typical physical characteristics - Premium DEO 0W-30, 0W-40

Properties	Method	Performance	
		0W-30	0W-40
API Service Categories	-	Suitable for use CK-4, CJ-4, CI-4 Plus, CI-4	
Oil Type	-	Full Synthetic	
Kinematic Viscosity @40°C mm ² /s	ASTM D445	54.4	85.8
Kinematic Viscosity @100°C mm ² /s	ASTM D445	10.3	15.4
Viscosity Index	ASTM D2270	182	182
CCS Viscosity @°C	ASTM D5293	5,100@-35	5,300@-35
Sulphated Ash, % wt.	ASTM D874	<1.0	<1.0
Total Base Number mg KOH/g	ASTM D2896	10	10
Flash Point (CC), °C (°F)	ASTM D92	>200(>392)	>200(>392)
Pour Point, °C (°F)	ASTM D97	-51(-60)	-52(-61)
MRV-TP1, Viscosity, cP@°C	ASTM D4684	24,000@-40	29,000@-40

Availability and product codes

Pack size	4X4L case	18.9L pail	205L drum	1,000 tote/Bulk
Prem DEO 0W-30	D MOSZ0007	D MOSZ0017	D MOSZ0032	D MOSZ0044
Prem DEO 0W-40	D MOSZ0005	D MOSZ0088	D MOSZ0030	D MOSZ0042
Availability	To order, contact us toll free at 855.755.6737 or orderdesk@nemco.ca			

Quality

Nemco Resources Ltd works with respected industry suppliers. The manufacturing facility in Winnipeg, Manitoba is proud to be certified to ISO9001. For questions regarding quality, please contact your Technical Sales Representative.