

# Technical Data Sheet

## **NORC STARK *HD*** **SAE 50 API CF-4** **Heavy Duty Diesel Engine Oil**

### **PRODUCT DESCRIPTION**

**NORC STARK *HD* SAE 50** is a heavy duty mineral based diesel engine oil designed for use in modern engines with tight tolerances. It delivers an excellent protection, performance, and fuel economy properties.

**NORC STARK *HD* SAE 50** is manufactured using the highest quality virgin mineral oils and state of the art additive technology to ensure a finished product with unmatched performance level through providing excellent soot handling and protection under harsh operating conditions.

**NORC STARK *HD* SAE 50** fulfills or exceeds the performance requirements of API CF-4 and it is the ideal choice for use in heavy duty diesel engines.

### **BENEFITS**

- Excellent engine protection under harsh operating conditions.
- Low oil consumption and fuel consumptions.
- Thermal and oxidation stability.
- Good dispersant and detergent properties.
- Prolong engine life and durability.
- Good soot handling.
- Improve engine performance and efficiency.

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## NORC STARK *HD*

## SAE 50 API CF-4

## Heavy Duty Diesel Engine Oil

### SPECIFICATIONS

API CF-4

ACEA E7

### TECHNICAL DATA SHEET

PROPERTY	UNIT	TEST METHOD	SAE 50
Color		ASTM D1500	< 3.5
Density @ 15°C	Kg/L	ASTM D4052	0.9
Kinematic Viscosity @ 40°C	Cst	ASTM D445	194
Kinematic Viscosity @ 100°C	Cst	ASTM D445	17.6
Viscosity Index		ASTM D2270	100
Flash Point, COC	°C	ASTM D92-05A	> 240
Pour point	°C	ASTM D97	< -15
TBN	mg KOH/g	ASTM D2896	> 11

The above data is just an indication based on production, and does not considered to be actual specification. "NANO OIL REFINING COMPANY NORC GmbH" holds its right to make modifications.