



OPUS LUBRICANTS PRODUCT DATA

D 20W/40 LZF

Description

OPUS D 20W/40 LZF is a high performance zinc-free and chlorine free manufactured from high quality base oils and additives for Railroad and Inland Marine engines meeting LMOA Generation 5 requirements, suitable for naturally aspirated and turbocharged diesels running on low sulphur fuel.

Performance Levels

- LMOA Generation 5
- G.E Generation 4 Long Life
- API CF-2/CF/CD
- Caterpillar 3600

Benefits

- Long Life Zinc Free Lubricant.
- Good wear and corrosion protection.
- Suitable for naturally aspirated and turbocharged diesels running on low sulphur fuel.
- Meets GE & EMD approval

The sulphur in fuel should not exceed 1.0%wt

Typical Data

Appearance:		Amber
Specific Gravity	@ 15 °C:	0.883
Kinematic Viscosity	@ 40 °C cSt:	110.0
Kinematic Viscosity	@ 100 °C cSt:	14.0
Viscosity Index:		128
Viscosity Apparent, -15°C, mPa.s:		9200
HTHS, 150°C, mPa.s:		4.16
Pumpability, -20°C, mPa.s:		33400
Pour Point °C		-12
Flash Point (COC °C)		248
Noack volatility, %wt		5.9
TBN (mg KOH-gram)		13.3
Sulphated Ash (% weight)		1.54

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