

REV-1 POWER DIESEL VELO 716MN SAE 10W40

Specially developed to meet with the most severe MAN Diesel Engines performance specification M3277, VELO 716MN is formulated with a lower ash content that reduces the stress on the emission control system. This high performance heavy-duty engine oil is designed to sustain engine durability where cooled exhaust gas recirculation system (EGR) is used. VELO 716MN uses a unique detergency dispersant technology to control the soot formation, thereby not only prolonging the effective life of the engines oil but also reducing piston deposits and sludge buildup.

The robust core additives, blended with superior refined molecularly converted hydro cracked base fluids deliver reserve performance covering extended oil drain intervals.

It can be used in place of API CD, CE, CF4, CG4 and CH4 and is specially recommended for MAN diesel engine models D0836 LE4, D2876 with common rail, and D284x with common rail.

APPLICATIONS/ BENEFITS

- Minimizes oil consumption
- Neutralizes acids from high sulfur fuel
- Satisfying most diesel engine OEM oil demand
- Exceeds the highest API gasoline engine performance as well
- Particular suitable for the latest diesel engine equipped with EGR .

TYPICAL CHARACTERISTICS

TEST DESCRIPTION	METHOD	TYPICAL RESULTS
SAE Viscosity Grade	SAE J300	10W40
Specific Gravity @ 15 °C	ASTM D-4052	0.866
Flash Point, °C	ASTM D-92	>200
Pour Point, °C	ASTM D-97	-24
Kinematics Viscosity @ 40 °C (cSt)	ASTM D-445	87.2
@ 100 °C (cSt)	ASTM D-445	13.4
Viscosity Index	ASTM D-2270	155
TBN(mgKOH/g)	ASTM D-2896	16
Sulphated Ash		1.35
Colour	ASTM D-1500	< 3.0

PERFORMANCE STANDARDS

- API CI-4 Plus/ SL
- Mack EO-N Premium Plus
- Detroit Diesel DDC 93K 214
- CUMMINS CES 20078/ 77/ 76
- CAT ECF-2/ 1
- ACEA E7-08
- ACEA A3/ B3-04
- ACEA A3/ B4-04
- Mercedes-Benz 228.3
- MAN 3275
- Renault RLD/ RLD-2
- VOLVO VDS 3
- GLOBAL DHD-1