



Typical Chemical Characteristics

Product:

Axion I SHPDO SAE 20W-50 & 15W-40

Description:

EN:

High quality mineral lubricant with green characteristic color, specially formulated for super high performance diesel engines (**SHPD**), which requires **Full SAPS** technology. It provides: engine cleanliness by preventing black mud formation, perfect lubrication which minimizes friction – degradation, perfect protection against corrosion for maximizing engine's life and extended oil drain intervals.

EL:

Εξάσιο πρωτογενές λιπαντικό υπέρ-υψηλής απόδοσης (**SHPD**) με χαρακτηριστικό πράσινο χρώμα για χρήση κυρίως σε πετρελαιοκινητήρες που προτείνεται από τον κατασκευαστή με τεχνολογία **Full SAPS**. Είναι σχεδιασμένο για να εξασφαλίζει τέλεια λίπανση του κινητήρα καθώς τον προστατεύει από τα κατάλοιπα, από την οξείδωση και από το φαινόμενο δημιουργίας μαύρης λάσπης.

DE:

Hochqualitatives mineralisches Schmiermittel mit charakteristischer grüner Farbe, speziell entwickelt für Super-Hochleistungs-Dieselmotoren, die **Full SAPS**-Technologie erfordern. Es bietet: sauberen Motor durch Verhinderung schwarzer Schlammablagerungen, perfekte Schmierung für minimale Reibung- minimalen Qualitätsverlust, perfekten Korrosionsschutz für maximale Lebensdauer des Motors sowie lange Ölwechselintervalle.

RU:

Высококачественное минеральное масло с характерным зеленым цветом, специально предназначенное для сверхмощных дизельных двигателей, требующих применения смазочных материалов класса **Full SAPS**. Обеспечивает чистоту двигателя, предотвращая образование черного ила, идеальное смазывание с минимизацией трения и износа деталей, совершенную защиту от коррозии для достижения максимального срока службы двигателя и увеличения интервалов между заменами масла.

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Characteristics:

Property	Method	Unit	20W-50	15W-40
Specific Gravity 15°C	ASTM D 1298	kg/L	0,891	0,88
Viscosity at 100°C	ASTM D 445	cSt	16,3 – 21,9	12,5 – 16,3
Viscosity Index	-	-	>120	>120
Pour Point	ASTM D 97	°C	<-20	<-20
Flash Point	ASTM D 92	°C	>210	>210
Total Base Number	ASTM D 2896	mgKOH/g	9 – 11	9 – 11
Color	-	-	Crystal green	Crystal green
Cold Cranking Simulator	ASTM D 5293	mPa-s	<4500 @ -10°C	<3500 @ -15°C

Specifications:

ACEA: E7-02,
 API: CH-4/SJ,
 Mercedes Benz p228.3,
 Volvo VDS-3, MAN 3275-1
 & MTU Cat 2

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