

# ICHIRO SUZAKU ICR-3460~3461

DMO - FULLY SYNTHETIC CK4/SN

## Description

説明

**Fully Synthetic Diesel Engine oil formulated to meet heavy-duty oil API CK-4 criteria for heavy-duty-vehicles. This oil improves engine performance that are being addressed which includes oxidation stability, shear stability and aeration.**

This oil not only meets API credentials, but also the latest original equipment manufacturers (OEMs) performance specifications in appropriate grades and base stocks - including Caterpillar, Cummins, Detroit Diesel, Mack, Renault, Volvo, Mercedes-Benz, MAN, and Ford. It also meets the self-certifying requirements of ACEA E11.

## Benefits

特典

- △ Better engine protection, minimizes oil consumption
- △ Satisfies most diesel engine OEM oil demands
- △ Particularly suitable for the modern diesel engine
- △ Provides better fuel economy and reduces GHG emissions

## Typical Characteristics

典型的な特徴

| Test Description            | Method      | Unit    | ICR-         |              |
|-----------------------------|-------------|---------|--------------|--------------|
|                             |             |         | 3460         | 3461         |
| SAE Viscosity Grade         | SAE J 300   | -       | <b>10W40</b> | <b>15W40</b> |
| Density @ 15 °C             | ASTM D 4052 | kg/L    | 0.8600       | 0.8610       |
| Flash Point                 | ASTM D 92   | °C      | 226          | 230          |
| Pour Point                  | ASTM D 97   | °C      | -30          | -27          |
| Kinematic Viscosity @ 40°C  | ASTM D 445  | cSt     | 95.8         | 99.8         |
| Kinematic Viscosity @ 100°C | ASTM D 445  | cSt     | 14.5         | 14.5         |
| Viscosity Index             | ASTM D 2270 | -       | 157          | 150          |
| TBN                         | ASTM D 2896 | mgKOH/g | 9.8          | 9.8          |
| HTHS                        | ASTM D 5481 | cP      | ≥3.5         | ≥3.7         |

|                  |                               |
|------------------|-------------------------------|
| △ API            | CK-4                          |
| △ API            | SN IN SAE 10W40 AND SAE 15W40 |
| △ ACEA           | E7                            |
| △ ACEA           | E11                           |
| △ ALLISON        | TES 439 IN SAE 15W40          |
| △ CATERPILLAR    | ECF-3                         |
| △ CUMMINS        | CES 20086                     |
| △ DETROIT DIESEL | DFS 93K222                    |
| △ DEUTZ          | DQC III                       |
| △ FORD           | WSS-M2C171-F1                 |
| △ JASO           | DH-2                          |
| △ MACK           | EOS-4.5                       |
| △ MACK           | EO-O PREMIUM PLUS             |
| △ MACK           | EO-N                          |
| △ MAN            | M3775                         |
| △ MERCEDES BENZ  | MB 228.31                     |
| △ MTU            | CAT 2.1                       |
| △ RENAULT        | RLD-4                         |
| △ VOLVO          | VDS-4.5                       |

最後の変更: 4/16/2024

整理番号: 5142G3CK4REV1