

Swd Rheinol ATF JaKo

AUTOMATIC TRANSMISSION FLUID for Asian Vehicles

Description

swd ATF JaKo is a automatic transmission fluid, which is made from hydrocracked base oils, combined with a special additive.

It was developed in collaboration with a major Asian OEM to meet a new factory fill specification. Japanese & Korean transmissions have ATF performance requirements that are quite different from European transmissions, particularly in their emphasis on Anti-shudder Durability.

Shudder is the term used to describe the vehicle vibration caused by stick-slip conditions in the torque converter clutch. The ability of an ATF to prevent shudder over time is determined by its Friction Durability – poor friction being the cause of the Shudder.

Properties

swd ATF JaKo is used in automatic gears of motor vehicles, power steering, fluid couplings hydrodynamic converters and in hydraulics of passenger- and commercial cars, busses and construction vehicles.

Japanese and Korean OEMs do not give formal Service Fill ATF approvals.

swd ATF JaKo is also suitable for Multi-Vehicle applications, combining as it does the requirements of Asian OEMs with: US OEM requirements (DEXRON[®] IIIH and MERCON[®] performance levels)

Specification

Aisin Warner JWS 3309
Honda/Acura Z-1 & Honda ATF DPSF-II
Hyundai/Kia ATF Red-1K
Hyundai/Kia Genuine ATF
Hyundai/Kia JWS-3309 T4
Hyundai/Kia SP-II / III
Hyundai/Kia P/N U M040 CH-020 Red-1
Idemitsu ATF HP
Idemitsu K17
Isuzu P/N 08200-9001
Isuzu ATF II/III
Isuzu Genuine ATF
Jaso M315, Class 1A, 1A-02

Mazda F-1, JWS 3317
Mazda M-5, P/N XT-9-QMM5
Mazda M-III, Type T-IV
Mitsubishi ATF-J2
Mitsubishi SP, P/N MS991156
Mitsubishi SP-II / III
Nissan/Infinity 402
Nissan/Infinity Matic-D /-J /-K /-W
SSANG YONG DSIH 5M-66
Subaru HP
Subaru P/N K0140Y0700
Suzuki 3314/3317
Toyota/Lexus/Scion Type D-II/T/T-III/T-IV

Typical Data

| Swd Rheinol ATF JaKo | unit | value | method |
|----------------------------|--------------------|-------|--------------|
| Density at 15°C | kg/m ³ | 847 | DIN 51 757 |
| Viscosity at 100°C | mm ² /s | 7,191 | DIN 51 562 |
| Dynamic Viscosity at -40°C | mPa.s | 16800 | ASTM D2983 |
| Pourpoint | °C | -45 | DIN ISO 3016 |
| Flash point | °C | 222 | DIN ISO 2592 |

Article-Number : 32840

Specification variations in these characteristics may occur.
The instructions of manufacturer must be regarded.
Further informations to be available by MSDS.

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