

Nothing matches a vehicle's requirements better. Nothing. Idemitsu is the leading ATF, PAG and Engine Oil supplier to Asian vehicle manufacturers

OE engineers partner with Idemitsu when developing their lubricant specifications.

- Friction-matched ATF means **NO MORE SHIFT SHOCK**
- Higher lubricity PAG results in **SUPERIOR WEAR PROTECTION**
- **LOW VISCOSITY ENGINE OILS** meet new tougher GM, Mercedes and Asian import specs – including **THE ONLY DEXOS1 0W-30**



Idemitsu PAG: Double end-capped technology used by over 80% of OEMs as factory fill

- Daphne Hermetic double end-capped PAG offers better chemical, thermal and hydrolytic stability than traditional A/C lubricants
- Higher Viscosity Index (VI) for unsurpassed lubricity over a wide temperature range
- Synthetic formula for superior wear protection and longer extended service interval

Idemitsu Daphne Hermetic Oil is approved by:

- Honda • Isuzu
- Toyota • Mercedes Benz
- Nissan • Hyundai
- Subaru • Denso

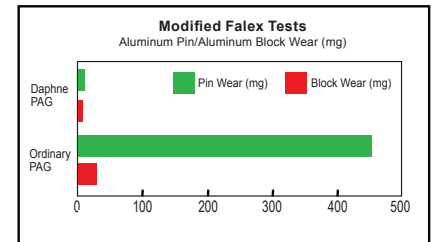
And other OE vehicle and compressor manufacturers

Idemitsu PAG part numbers:

Daphne Hermetic Oil PS: 3421025-049
 Daphne Hermetic Oil PR: 3420025-049
 Daphne Hermetic Oil FD46XG: 3425025-049

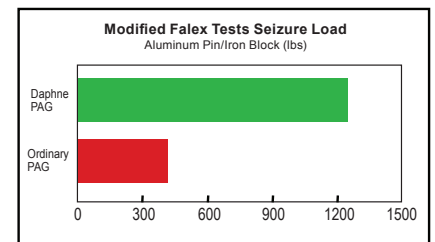


Superior Wear Protection



Daphne Hermetic PAG provides far superior wear resistance versus ordinary PAG

Greater Shear Resistance



Daphne Hermetic PAG offers greater film strength for better shear resistance than ordinary PAG

Idemitsu Power Steering Fluid: Enhanced Friction Protection

- Low Friction:**
- Reduced noise, improved performance
- Low Friction Coefficient:**
- Increased lubricity over wide temp range

- Greater Oxidation Resistance:**
- Better corrosion protection
- Seal Compatibility:**
- Longer pump service life



Idemitsu PSF

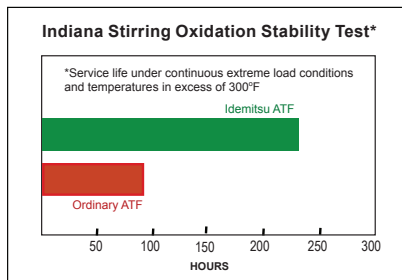
- Engineered for Asian import vehicles
 Idemitsu (12 oz.) # 30102-052A

Idemitsu application-specific ATF: No shift shudder, longer service life

Each Idemitsu OE-specified automatic transmission fluid is engineered for a specific transmission's unique friction materials and pressure settings

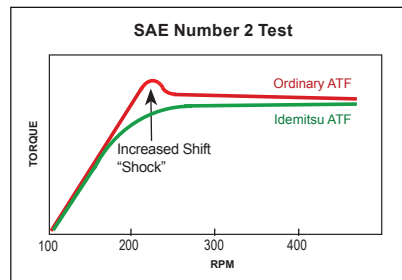
- Your repair gets smoother shifting, no shift shudder and longer service life
- Meets OE heat, wear and friction requirements
- Meets OE extended service internal requirements

Longer Service Life



Idemitsu ATF maintains an optimum friction ratio longer than ordinary ATF brands

Smooth Shifting without Shock



Idemitsu eliminates the uncomfortable shift shock that occurs with ordinary ATF brands



Idemitsu ATF Type-H

- Engineered for Honda Z1 A/T
- Idemitsu (qt.) # 10116-042



Idemitsu ATF Type-TLS-LV

- Engineered for Toyota WS A/T
- Idemitsu (qt.) # 10114-042B



Idemitsu ATF Type-HK

- Engineered for Hyundai/Kia SP-III A/T
- Idemitsu (qt.) # 10112-042D



Idemitsu ATF Type-M

- Engineered for Mazda M5 A/T
- Idemitsu (qt.) # 10113-042P



Idemitsu ATF Type-J

- Engineered for Nissan Matic J A/T
- Idemitsu (qt.) # 10108-042E



Idemitsu ATF Type-HP

- Engineered for Subaru HP A/T
- Idemitsu (qt.) # 10107-042F



Idemitsu ATF Type-TLS

- Engineered for Toyota Type T-IV A/T
- Idemitsu (qt.) # 10106-042K

Idemitsu engine oils use the same lubricant technology as factory fill

Lubricant technology approved by most Asian import and other OEMs:

- | | | |
|----------|-----------|--------------|
| - Honda | - Hyundai | - Mitsubishi |
| - Toyota | - Mazda | - GM |
| - Nissan | - Kia | - Subaru |

- Low viscosity oils match OE specs for engine protection, fuel economy, extended oil drain and emissions system compatibility
- Exceeds API SN / ILSAC GF-5 where OE specifications require it

Idemitsu Full Synthetic 0W-20

- For all 0W-20 specified vehicles
- Meets: API SN / ILSAC GF-5
- Idemitsu (qt.) # 20102-042B
- Idemitsu (gal) # 20102-059



To order Idemitsu Lubricants, contact:

WORLD PAC

US: www.worldpac.com

Canada: www.worldpac.ca