



The First in Synthetics®

DATALEHTI

20W-50 Synthetic V-Twin Motorcycle Oil

Suorituskykyinen voiteluaine moottoreihin, vaihteistoihin ja ensiövetoihin

AMSOIL 20W-50 Synthetic V-Twin Motorcycle Oil on premium-luokan öljy niille jotka haluavat vain parasta mahdollista voitelua moottoripyöriinsä. Se on syntynyt pitkäjänteisen kehitystyön tuloksena, ja loistaa kaikilla niillä osa-alueilla jotka ovat tyyppisiä moottoripyörille, kuten ilmajäähdytteisten moottorien korkeat lämpötilat, märän kytkimen toiminta, korkeat pintapaineet vaihteistossa ja ensiövedossa, sekä pintojen ruostuminen seisonnassa.

AMSOIL kehitti maailman ensimmäisen API-luokitellun synteettisen moottoriöljyn 1972, ja on ollut kehityksen kärjessä siitä lähtien. Voit luottaa AMSOIL:n laaja-alaiseen osaamiseen ja pitkään kokemukseen siitä, mitä öljyltä vaaditaan, jotta se toimii parhaalla mahdollisella tavalla pyörässäsi.

Vähemmän kulumista ja karstaa

AMSOIL Synthetic V-Twin Motorcycle Oil sisältää reippaasti kulumista estäviä aineita. Se on erittäin lämpöstabiili ja sisältää maksimimäärän hapettumisen estoaineita. 250 tunnin (21958 km) dynotesti osoitti, kuinka AMSOIL 20W-50 Synthetic V-Twin Motorcycle Oil todella suojaa kulumiselta ja takaa pitkän käyttöiän (oheinen kuva).

Withstands Extreme Heat

Big, powerful V-twin engines run extremely hot, especially in summer during stop-and-go rally or parade traffic. High heat breaks down oil formulated for standard service, inviting wear and performance-robbing deposits. AMSOIL Synthetic V-Twin Motorcycle Oil is formulated with naturally heat-resistant synthetic base oils that resist oxidation in extreme heat. Its unique additive system helps keep engines clean and running efficiently in the toughest riding conditions.

Extreme-Pressure Protection for Gears and Chains

AMSOIL Synthetic V-Twin Motorcycle Oil delivers exceptional protection in transmissions and primary chaincases. It is absolutely shear stable and will not thin out from mechanical activity. AMSOIL 20W-50 V-Twin Motorcycle Oil performs like a gear lube without the negative effects of extreme-pressure additives. In the FZG gear test, AMSOIL achieved a perfect score with a "zero" wear rating.

Delivers Superior Rust Protection

Motorcycles are prone to rust from storage, humidity and short drives. Rust can cause major damage such as roller bearing failure, wear, compression loss and blow-by. Good rust protection, however, comes by design and is not natural to motor oils. Unlike many motorcycle oils, AMSOIL Synthetic Motorcycle Oil contains special anti-rust agents. It passes the ASTM D1748 humidity cabinet rust test, demonstrating superior rust protection to help your engine achieve maximum performance and long life.



- Kestää korkeaa kuumuutta
- Pitää viskositeettinsa myös kuumana
- Sama öljy käy moottoriin, vaihteistoon ja ensiövetoon

Ehkäisee kulumista



250 tunnin (21958 km) dynotestin jälkeen männän helmasta näkee, että AMSOIL 20W-50 Synthetic V-Twin Motorcycle Oil todella suojaa kulumiselta ja takaa pitkän käyttöiän.

TYYPILLISIÄ TEKNISIÄ OMINAISUUKSIA

AMSOIL 20W-50 Synthetic V-Twin Motorcycle Oil (MCV)

Kinemaattinen viskositeetti @ 100°C, cSt (ASTM D445)	18.5
Kinematic Viscosity @ 40°C, cSt (ASTM D445)	132.8
Viscosity Index (ASTM D2270)	156
Pour Point °C (°F) (ASTM D97)	-41 (-42)
Flash Point °C (°F) (ASTM D92)	228 (442)
High-Temperature/High-Shear Viscosity (ASTM D5481 @ 150°C, 1.0 X 10 ⁶ s ⁻¹), cP	5.6
Four-Ball Wear Test (ASTM D4172 @ 40 kgf, 150°C, 1800 rpm, 1 hr), Scar, mm	0.4
FZG (ASTM D5182), Load Stage Pass (Wear in mm)	12+ (0 mm)
NOACK Volatility, % weight loss (g/100g) (ASTM D5800)	4.2
Foam (ASTM D892, Sequence I, II & III)	0/0, 20/0, 0/0
Shear Stability Kurt Orbahn (ASTM D6278), % viscosity change 120 cycles	0.25
Rust Test - Humidity Cabinet (ASTM D1748)	No Rust, Pass
Total Base Number	11.6

Provides Excellent Wet-Clutch Performance

AMSOIL 20W-50 Synthetic V-Twin Motorcycle Oil contains no friction modifiers and promotes smooth shifting and positive clutch engagement. It controls heat and helps prevent slippage and glazing, while its high TBN helps improve clutch life by resisting the acids that can degrade clutch material.

APPLICATIONS

Use in motorcycles that require 15W-50 or 20W-50 motorcycle oil and any of the specifications listed below, including those made by Harley-Davidson*, Buell*, Ducati*, Aprilia*, BMW* and Triumph*.

JASO MA/MA-2 • API SG/SL/CF/CG-4 • ISO-L-EMA2

Do not use where an API GL-4 or GL-5 gear oil is required.

COMPATIBILITY

AMSOIL 20W-50 Synthetic V-Twin Motorcycle Oil is compatible with other synthetic and conventional motor oils. Mixing AMSOIL oils with other oils, however, will shorten the oil's life expectancy and reduce its performance benefits. AMSOIL does not support extended drain intervals where oils have been mixed.

Aftermarket oil additives are **not recommended** for use with AMSOIL Synthetic Motorcycle Oils.

SERVICE LIFE

Recommended for use up to twice the motorcycle manufacturer change interval (miles/hours) or one year, whichever comes first, in engines, transmissions and primary chaincases. For Big Twin Harley-Davidson transmissions only, follow the Harley-Davidson

recommended drain interval for synthetic oil of up to 20,000 miles or one year, whichever comes first. When using an engine filter other than AMSOIL Ea[®], change the filter at standard intervals.

For off-road use, change AMSOIL 20W-50 Synthetic V-Twin Motorcycle Oil at motorcycle manufacturer-recommended intervals.

Racing or modified engines are excluded from extended drain interval recommendations. Oil changes are at the owner's discretion.

WARRANTY SECURE™

AMSOIL 20W-50 Synthetic V-Twin Motorcycle Oil is Warranty Secure, keeping your factory warranty intact. AMSOIL 20W-50 Synthetic V-Twin Motorcycle Oil is a high-performance replacement for vehicle manufacturer-branded products and is also backed by the AMSOIL Limited Warranty. For details, visit www.amsoil.com/warrantysecure.



HEALTH & SAFETY

This product is not expected to cause health concerns when used for the intended applications and according to the recommendations in the Safety Data Sheet (SDS). An SDS is available via the Internet at www.amsoil.com or upon request at (715) 392-7101. **Keep Out of Reach of Children.** Recycle used oil and bottle.

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