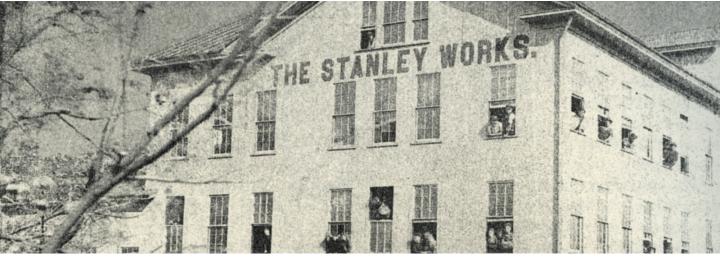
STARLEY

AUTO MAINTENANCE CARE CATALOGUE

THE MEASURE OF A PRO ™



HISTORY & MILESTONES

Since 1843 STANLEY[®] tools have been on the belt and in the hands of professional contractors and accomplished homeowners. Synonymous with quality, reliability, innovation, and value, STANLEY is the first name in tape measures and trusted worldwide for accuracy and dependability.

We're proud of our reputation for excellence and dedicated to continually testing, designing and improving our products to ensure quality and maximum function. Maintaining our standing as the world's best at what we do is vital to us and what you expect from a name like STANLEY.

For more than 175 years our innovative products have helped build, repair and protect our world. Today that legacy continues. Explore our history by using the interactive timeline below. SHAPING OUR SUCCESS SINCE 1843



AUTO CARE



BRAKE FLUID

Brake Fluid DOT 3 is a brake and clutch fluid designed and formulated to provide excellent lubrication

the braking system and clutch.



BRAKE FLUID

BRAKE FLUID DOT 4 is a highperformance brake fluid especially designed for use in disc, drum and Anti Brake Systems (ABS) of all commercial vehicles, passenger cars and motorcycles operating under moderate to severe conditions, where a DOT 4 fluid is prescribed.

POWER STEERING FLUID

Power steering fluid is the hydraulic fluid used in the steering system to create a hydraulic link between the steering wheel and the front wheels. That decreases the amount of effort required to turn the wheels



ENGINE OIL

Motor oil, engine oil, or engine lubricant is any one of various substances used for the lubrication of internal combustion engines.



COOLANT

A coolant is a substance, typically liquid, that is used to reduce or regulate the temperature of a system. An ideal coolant has high thermal capacity low viscosity is lowcost, non-toxic, chemically inert and neither causes nor promotes corrosion of the cooling system. Some applications also require the coolant to be an electrical insulator.

AUTOMOTIVE PREVENTIVE MAINTENANCE

AUTO CARE

HIGH PERFORMANCE BRAKE FLUID DOT 3

SXAU-BFD3002 200ML



SXAU-BFD3005 500ML



SXAU-BFD3010 1 L



- Superior protection for metal surfaces
- Minimizes component wear and leakage
- High thermal and oxidation stability
- Ensures good brake response and good
 performance during service life

TESTING METHODS	RESULTS
Density at 20 °C	1.05
VISCOSITY, ASTM D445	
cSt @ 40 °C	N/A
cSt @ 100 °C	2.22
EQUILIBRIUM REFLUX BOILING POINT, C SAE J1703	240
WET EQUILIBRIUM REFLUX BOILING POINT, C SAE J1703	145
COLOUR	WHITE/YELLOW
PH VALUE	8 to 11
Density @ 15°C kg/l, ASTM D 4052	1.05

Brake Fluid DOT 3 is a brake and clutch fluid designed and formulated to provide excellent lubrication and performance for the braking system and clutch. Brake Fluid

DOT 3 meets or exceeds the requirements of various manufacturers and industry standards which outperforms conventional products.



AUTO CARE

HIGH PERFORMANCE BRAKE FLUID DOT 4

SXAU-BFD4002 200ML



SXAU-BFD4005 500ML



SXAU-BFD4010 1 L



- Compatible with all seals and metals used in conventional braking systems.
- Can be used in the hydraulic disc- and drum braking systems including those fitted with ABS as found in passenger cars, motorcycles and commercial vehicles.
- DOT 4 product is prescribed for improved braking performance it can also be used in hydraulic brake systems of vehicles requiring DOT 3

TESTING METHODS	RESULTS
Density at 20 °C	1.07
VISCOSITY, ASTM D445	
cSt @ 40 °C	N/A
cSt @ 100 °C	2.24
EQUILIBRIUM REFLUX BOILING POINT, C SAE J1703	260
WET EQUILIBRIUM REFLUX BOILING POINT, C SAE J1703	165
COLOUR	WHITE/YELLOW
PH VALUE	8

BRAKE FLUID DOT 4 is a high-performance brake fluid especially designed for use in disc, drum and Anti Brake Systems (ABS) of all commercial vehicles, passenger cars and motorcycles operating under moderate to severe conditions, where a DOT 4 fluid is prescribed.

BRAKE FLUID DOT 4 exceeds the performance requirements of United States Federal Motor Vehicle Safety Standard (FMVSS) 116 DOT 4. BRAKE FLUID DOT 4 contains oxidation and corrosion inhibitors to resist oxidation at the high temperatures encountered in the disc braking systems and to protect the system against rust and corrosion. The high boiling point of BRAKE FLUID DOT 4 reduces the impact of moisture absorption during service and provides reliable braking performance



AUTO CARE

SAE 20W50 API SG MINERAL CAR ENGINE OIL

SXAU-SAEML001 1L



SXAU-SAEML004 4L



- Very good low temperature properties.
- Protection to wear by cold start.
- Oil change mileage 5,000KM

TESTING METHODS	RESULTS
SAE GRADE	20W 50
VISCOSITY, ASTM D445	
cSt @ 40 °C	150
cSt @ 100 °C	18.7
VISCOSITY INDEX , ASTM D 2270	128
SULFANATED ASH, WT%, ASTM D874	0.9
TOTAL BASE #. MG KOH/G, ASTM D 2896	7
POUR PONIT, °C, ASTM D 97	-25
Density @ 15℃ kg/l, ASTM D 4052	0.89

SYNTHETIC SG/CD 20W-50 is an universal high performance engine oil for use in gasoline - and diesel engines of passenger car and light vans with or without turbocharger . This product is unsuitable for diesel engines equipped with a Diesel Particulate Filter (DPF).

SYNTHETIC SG /CD 20 W-50 is formulated with high quality hydro -treated synthetic base stocks in combination with a special additive technology to achieve the following performance:



AUTO CARE

SAE 10W40 SEMI SYNTHETIC API SN CAR ENGINE OIL

SXAU-SAESS001 1L



SXAU-SAESS004 4L



- Very good low temperature properties.
- Protection to wear by cold start.
- Very high thermal- and oxidation stability.
- Excellent resistance against foaming, corrosion and wear.
- High dispersion and detergency level.
- Oil change mileage 7,000KM

TESTING METHODS	RESULTS
SAE GRADE	10W 40
VISCOSITY, ASTM D445	
cSt @ 40 °C	97.6
cSt @ 100 °C	14.5
VISCOSITY INDEX , ASTM D 2270	154
SULFANATED ASH, WT%, ASTM D874	1
TOTAL BASE #. MG KOH/G, ASTM D 2896	7.6
POUR PONIT, °C, ASTM D 97	-30
FLASH POINT , °C, ASTM D 92	235
DENSITY @15°C KG/L, ASTM D 4052	0.871

SEMI SN/CF 10W-40 is a universal high-performance fuel saving semi synthetic oil for use in gasoline- and diesel engines of passenger car and light vans with or without turbocharger . This product is unsuitable for diesel engines equipped with a Diesel Particulate Filter (DPF).

SEMI SN/CF 10W-40 is formulated with high quality refined semi synthetic base stocks in combination with a special additive technology to achieve the following performance:



AUTO CARE

SAE 5W30 FULLY SYNTHETIC API SN CAR ENGINE OIL

SXAU-SAESS001 1L



TESTING METHODS	RESULTS
SAE GRADE	5W 30
VISCOSITY, ASTM D445	
cSt @ 40 °C	70.1
cSt @ 100 °C	11.8
VISCOSITY INDEX , ASTM D 2270	165
SULFANATED ASH, WT%, ASTM D874	1
TOTAL BASE #. MG KOH/G, ASTM D 2896	7
POUR PONIT, °C, ASTM D 97	-39
FLASH POINT , °C, ASTM D 92	245
DENSITY @15°C KG/L, ASTM D 4052	0.871

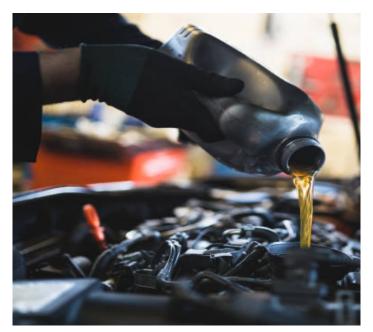
SXAU-SAESS004 4L



- Very good low temperature properties.
- Protection to wear by cold start.
- Very high thermal and oxidation stability.
- Excellent resistance against foaming, corrosion and wear.
- High dispersion and detergency level.
- High viscosity index.
- Extended oil drain interval.
- Oil change mileage 10,000 to 12,000km

FULLY SN/CF 5W-30 is a high-performance fuel saving LOW SAPS long life oil based on 100% synthetic technology for use in gasoline- and diesel engines of passenger cars and light vans where a VAG norm 504.00/507.00 has been prescribed and also suitable for vehicles where MB 229.51 and BMW LL-04 are required.

FULLY MAS SN/CF 5W-30 is formulated with high quality synthetic base stocks in combination with a unique additive technology to achieve the following;



AUTO CARE

READY MIX COOLANT 50% IAT

SXAU-RMC001 1L



SXAU-RMC004 4L



- Extends coolant drain intervals and prevent hard water scale deposits on the engine part.
- Good heat radiating function
- Compatible with any rubber, plastic and water pump seals.
- Provides superior engine protection from rust and corrosion especially in critical area.

TESTING METHODS	RESULTS
DENSITY @15°C G/CM3, ASTM D 4052	1.05
BOILING POINT C ASTM D 1120 °C	>110
FLASH POINT , °C	>115
PH VALUE	7.5-8.0
FREEZING POINT	-30
RESERVED AKALI (M/10HCI), CM3	3
WATER, %MAX	50
ETHELYN GLYCOL %WT	50

Coolant ready mixed is a high-performance coolant designed to provide efficient protection down to -30°C during winter condition. It is a ready to use product that has been premixed with antifreeze and water. This is a glycol-based coolant. It provides superior rust protection for long-life engine protection and seal condition. It is suitable for all light duty and heavy-duty applications.



AUTO CARE

POWER STEERING FLUID

SXAU-PSF002 380ML



SXAU-PSF001 1L



- smooth shift performance.
- extended transmission life
- Multiple use power steering & suspension
- excellent thermal an oxidation stability.
- Protects against rust and corrosion
- Reduces power steering shudder (noise & chatter)

TESTING METHODS	RESULTS
VISOSITY , INDEX, ASTM D2270	160
CST@ 40 ℃	71.35
CST @ 100 °C	11.7
SULFANATED ASH, WT%, ASTM D874	<1.0
POUR POINT °C, ASTM D97	-30
FLASH POINT , °C, ASTM D 92	200
DENSITY @15℃ KG/L, ASTM D 4052	0.86

Power Steering Fluid is a premium fully synthetic oil specially designed for use in power steering and suspension units. It contains a unique combination of anti-shudder additives, dispersants and seal swell additives along with a specialized synthetic base oil to offer maximum wear protection, long service life and minimization of viscosity loss.



AUTO CARE

2T MOTORBIKE ENGINE OIL API TA

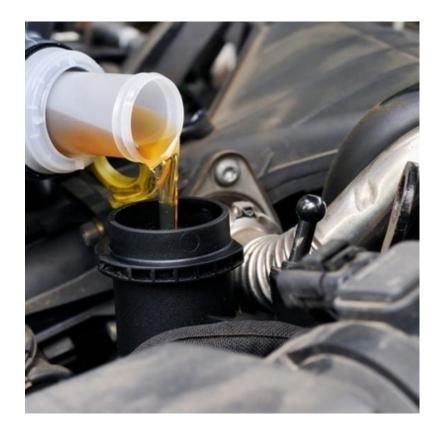
SXAU-2TTA001 1ML



TESTING METHODS	RESULTS
VISOSITY , INDEX, ASTM D2270	104
CST@ 40 °C	79
CST @ 100 ℃	9.9
SULFANATED ASH, WT%, ASTM D874	N/A
POUR POINT °C, ASTM D97	-18
FLASH POINT , °C, ASTM D 92	248
DENSITY @15°C KG/L, ASTM D 4052	0.88
SAE GRADE	2T TA SAE 30

2T TA is a high-quality motorcycle oil specially formulated for two-stroke gasoline engines equipped with an auto lube system. It can be poured directly into the oil reservoir of the auto lube without any adjustment in the auto lube system. It can also be added to the gasoline tank during fill-ups.

- Readily blends to form a stable mixture with gasoline
- Contains special detergent additives that prevent spark plug fouling, exhaust port blockage, piston scuffing and ring deposits
- Environment-friendly; reduces exhaust smoking tendencies of both new and old engines
- For every liter of gasoline, 50 ml of oil is recommended whether the oil is added to the oil reservoir or poured into the gasoline tank



AUTO CARE

2T MOTORBIKE ENGINE OIL API TC

SXAU-2TTC001 1ML



TESTING METHODS	RESULTS
VISOSITY , INDEX, ASTM D2270	142
CST@ 40 °C	47
CST @ 100 ℃	8
SULFANATED ASH, WT%, ASTM D874	<1.0
POUR POINT °C, ASTM D97	-15
FLASH POINT , °C, ASTM D 92	75
DENSITY @15°C KG/L, ASTM D 4052	0.86
SAE GRADE	2Т
TOTAL BASE# MG KOH/G, ASTM D 2896	2

2T TCWII is a high-quality lubricant designed to provide oil excellent performance of two-stroke outboard. This product is highly recommended to service engines with injection system or system with pre-mixed fuel / oil Provides excellent protection for both two-stroke motors water cooled air cooled as those extending its durability even during adverse operating conditions. This product is dyed green for easy detection of mixtures of fueloil pre-mix applications. Uses high-tech additives completely free of ash, which provide an efficient lubrication and internal engine cleanliness



- Keeps the engine clean
- Longer mileage compared to other engine oil
- Good Anti-oxidation
- Low Ash content

AUTO CARE

4T 20W50 MOTORBIKE ENGINE OIL API SN / JASO MA2

SXAU-4T20W50 1ML



TESTING METHODS	RESULTS
VISOSITY , INDEX, ASTM D2270	128
CST@ 40 °C	175
CST @ 100 °C	19.5
SULFANATED ASH, WT%, ASTM D874	1.35
POUR POINT °C, ASTM D97	-15
FLASH POINT , °C, ASTM D 92	75
DENSITY @15℃ KG/L, ASTM D 4052	0.893
SAE GRADE	20W 50
TOTAL BASE # MG KOH/G, ASTM 2896	7

4T SAE 20W50 SN JASO MA is a high quality, shear-stable, multi-grade, multifunctional fluid specifically designed for use in 4 stroke engine motorbike engines, clutches, and gearboxes, and portable power equipment engines requiring JASO MA or API SG to SN lubricants. It is a proven formulation that protects contact surfaces to control engine and gear wear and tear. It is also stable at high temperature and combats oil degradation, preventing filter blocking and sludge formation.



- Excel under High Pressure
- Excellent protection against forming of bore polishing
- Excellent protection against wear, foam and corrosion and oxidation properties
- Extended oil drain interval between 3,000 to 5,000km
- Performs under High heat and friction

AUTO CARE

4T 15W40 MOTORBIKE ENGINE OIL API SN / JASO MA2

SXAU-4T15W40 1ML



TESTING METHODS	RESULTS
VISOSITY , INDEX, ASTM D2270	151
CST@ 40 °C	97.52
CST @ 100 ℃	14.9
SULFANATED ASH, WT%, ASTM D874	1.35
POUR POINT °C, ASTM D97	-25
FLASH POINT , °C, ASTM D 92	235
DENSITY @15°C KG/L, ASTM D 4052	0.885
SAE GRADE	15W 50
TOTAL BASE # MG KOH/G, ASTM 2896	7.8

4T SAE 15W40 SN JASO MA has good thermal stability, together with a high-performance additive package, ensures the engine is constantly protected against wear and damage, and can handle the stressful conditions of stop-and-go city traffic. The formulation delivers outstanding oxidation protection and detergency that protect and keep your engine clean and running smoothly.

- Excel under High Pressure
 Excellent protection against for
- Excellent protection against forming of bore polishing
- Excellent protection against wear, foam and corrosion and oxidation properties
- Extended oil drain interval between 3,000 to 5,000km
- Performs under High heat and friction



AUTO CARE

4T 10W40 MOTORBIKE ENGINE OIL SEMI SYNTHETIC API SN / JASO MA2

SXAU-4TSS10W40 1ML



TESTING METHODS	RESULTS
VISOSITY , INDEX, ASTM D2270	151
CST@ 40 °C	97.52
CST @ 100 °C	14.9
SULFANATED ASH, WT%, ASTM D874	1.35
POUR POINT °C, ASTM D97	-25
FLASH POINT , °C, ASTM D 92	235
DENSITY @15°C KG/L, ASTM D 4052	0.885
SAE GRADE	10W 40
TOTAL BASE # MG KOH/G, ASTM 2896	7.8

4T SAE 10W40 SN JASO MA has good thermal stability, together with a high-performance additive package, ensures the engine is constantly protected against wear and damage, and can handle the stressful conditions of stop-and-go city traffic.

The formulation delivers outstanding oxidation protection and detergency that protect and keep your engine clean and running smoothly.

- Excel under High Pressure
- Excellent protection against forming of bore polishing
- Excellent protection against wear, foam and corrosion and oxidation properties
- Extended oil drain interval between 10,000 to 12,000km
- Performs under High heat and friction



AUTO CARE

4T 5W40 MOTORBIKE ENGINE OIL FULLY SYNTHETIC API SN / JASO MA2

SXAU-4TFS5W40 1ML



TESTING METHODS	RESULTS
VISOSITY , INDEX, ASTM D2270	151
CST@ 40 °C	97.52
CST @ 100 °C	14.9
SULFANATED ASH, WT%, ASTM D874	1.35
POUR POINT °C, ASTM D97	-25
FLASH POINT , °C, ASTM D 92	235
DENSITY @15°C KG/L, ASTM D 4052	0.885
SAE GRADE	5W 40
TOTAL BASE # MG KOH/G, ASTM 2896	7.8
DENSITY @15°C KG/L, ASTM D 4052	0.885

4T SAE 5W40 FULLY SYN SN JASO MA 2 has good thermal stability, together with a

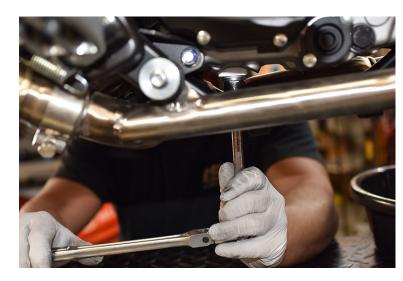
high-performance additive package, ensures the engine is constantly protected against

wear and damage, and can handle the stressful conditions of stop-and-go city traffic.

The formulation delivers outstanding oxidation protection and detergency that protect

and keep your engine clean and running smoothly. It consist of great synthetic carbon

chain which enable better shear stability at higher temperature.



- Excel under High Pressure
- Excellent protection against forming of bore polishing
- Excellent protection against wear, foam and corrosion and oxidation properties
- Extended oil drain interval between 10,000 to 15,000km
- Performs under High heat and friction

AUTO CARE

4T 10W40 SEMI SYNTHETIC SCOOTER API SN / JASO MB

SXAU-4TSS10W40S 1ML



TESTING METHODS	RESULTS
VISOSITY , INDEX, ASTM D2270	151
CST@ 40 °C	97.52
CST @ 100 °C	14.9
SULFANATED ASH, WT%, ASTM D874	1.35
POUR POINT °C, ASTM D97	-25
FLASH POINT , °C, ASTM D 92	235
DENSITY @15°C KG/L, ASTM D 4052	0.885
SAE GRADE	10W 40
TOTAL BASE # MG KOH/G, ASTM 2896	7.8

4T SAE 10W40 SN JASO MB has good thermal stability,

together with a high-performance

additive package, ensures the engine is constantly protected against wear

and damage, and can handle the stressful conditions of stopand-go city traffic. The

formulation delivers outstanding oxidation protection and detergency that protect and

keep your engine clean and running smoothly. JASO MB is used for scooter engine oil purpose.



- Excel under High Pressure
- Excellent protection against forming of bore polishing
- Excellent protection against wear, foam and corrosion and oxidation properties
- Extended oil drain interval between 10,000 to 12,000km
- Performs under High heat and friction

AUTO CARE



Car Maintenance Tips

- 1. Check your spare tire.
- 2. Change the oil.
- 3. Keep the battery clean.
- 4. Replace your cabin air filter.
- 5. Replace the brake pads.
- 6. Get new windshield wipers.
- 7. Get your tires rotated.
- 8. Check the shocks, springs and struts (aka the suspension system).
- 9. Check your coolant.
- 10. Check your spark plugs.
- 11. Inspect your belts and hoses.
- 12. Check your headlights, turn signals, brake and parking lights.
- 13. Do the emissions inspection.





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