



WULF SAE 50 API SC/CC

High quality oil, made of natural, paraffinic basic oils and special additives.
It offers a good resistance to oxidation and corrosion.

APPLICATIONS

This oil can be used in lightly loaded naturally aspirated diesel and petrol engines operating under service conditions.

FEATURES

Total engine protection : engine protection and cleanliness.

SPECIFICATION LEVEL

API	SC/CC	WULF	Mono Grade
WULF	Mono Grade		



Very high performance anti-wear hydraulic oils.

Applications

Hydraulic circuits

- ➔ Industrial hydraulic systems
- ➔ Hydraulics of mobile and construction equipment where a water separating oil is required
- ➔ Hydraulic systems with vane, gear or piston pumps
- ➔ Plastic injection molding machines
- ➔ Machine tools
- ➔ Enclosed gear systems (dependant on load)
- ➔ Industrial circulating systems

Specifications

International specifications

- ➔ AFNOR NF E 48 -603 HM
- ➔ DIN 51524 P2 HLP
- ➔ CINCINNATI MILACRON P68, P69, P70
- ➔ VICKERS M-2950S, -I-286
- ➔ DENISON HF0, HF1, HF2 (T6H20C)

Advantages

Long equipment life time

High operating reliability

- ➔ High protection against wear insuring maximum equipment life.
- ➔ Superior thermal stability avoiding formation of sludge even at high temperature.
- ➔ Very good oxidation stability ensuring a long service life of the fluid.
- ➔ Remarkable filterability even in the presence of water.
- ➔ Excellent hydrolytic stability avoiding filter blocking.
- ➔ Excellent protection against rust and corrosion.
- ➔ Good anti-foam and air release properties by using **silicon free** components.
- ➔ Good demulsibility ensuring rapid water separation
- ➔ Reduced maintenance and operating costs.

Provides Wear Protection

- ➔ Effective anti-wear additive package reduces wear by protecting surfaces when load causes breakdown of the lubricant film.

An Economical Option

- ➔ Hydraulic Oil AW is designed for systems that have high usage rates due to leaks, seal failure or hose breakage where the lubricant is not required to demonstrate extended drain intervals. If the equipment is in a demanding application at elevated temperatures, with extended drain intervals or where full equipment manufacturer approvals are required, then please refer to HD.



208L

Very high performance anti-wear hydraulic oils.

Applications

Hydraulic circuits

- ➔ Industrial hydraulic systems
- ➔ Hydraulics of mobile and construction equipment where a water separating oil is required
- ➔ Hydraulic systems with vane, gear or piston pumps
- ➔ Plastic injection molding machines
- ➔ Machine tools
- ➔ Enclosed gear systems (dependant on load)
- ➔ Industrial circulating systems

Specifications

International specifications

- ➔ AFNOR NF E 48 -603 HM
- ➔ DIN 51524 P2 HLP
- ➔ CINCINNATI MILACRON P68, P69, P70
- ➔ VICKERS M-2950S, -I-286
- ➔ DENISON HF0, HF1, HF2 (T6H20C)

Advantages

Long equipment life time

High operating reliability

- ➔ High protection against wear insuring maximum equipment life.
- ➔ Superior thermal stability avoiding formation of sludge even at high temperature.
- ➔ Very good oxidation stability ensuring a long service life of the fluid.
- ➔ Remarkable filterability even in the presence of water.
- ➔ Excellent hydrolytic stability avoiding filter blocking.
- ➔ Excellent protection against rust and corrosion.
- ➔ Good anti-foam and air release properties by using **silicon free** components.
- ➔ Good demulsibility ensuring rapid water separation
- ➔ Reduced maintenance and operating costs.

Provides Wear Protection

- ➔ Effective anti-wear additive package reduces wear by protecting surfaces when load causes breakdown of the lubricant film.

An Economical Option

- ➔ Hydraulic Oil AW is designed for systems that have high usage rates due to leaks, seal failure or hose breakage where the lubricant is not required to demonstrate extended drain intervals. If the equipment is in a demanding application at elevated temperatures, with extended drain intervals or where full equipment manufacturer approvals are required, then please refer to HD.



Very high performance anti-wear hydraulic oils.

APPLICATIONS

Hydraulic circuits

- ➔ Designed for use in all kind of hydraulic sytems running under the most difficult conditions, such as in machine tools, mould injection machines, presses and other industrial or mobile equipment.
- ➔ Also used in many other applications, where an universal high performance anti wear lubricant is the first choice : low charged gears, sliding and roller bearings, air compressors, servo - motors and control systems equipped with fine filtration systems.

SPECIFICATIONS

International specifications

- ➔ AFNOR NF E 48 -603 HM
- ➔ DIN 51524 P2 HLP
- ➔ CINCINNATI MILACRON P68, P69, P70
- ➔ VICKERS M-2950S, -I-286
- ➔ DENISON HF0, HF1, HF2 (T6H20C)

ADVANTAGES

Long equipment life time

High operating reliability

- ➔ High protection against wear insuring maximum equipment life.
- ➔ Superior thermal stability avoiding formation of sludge even at high temperature.
- ➔ Very good oxidation stability ensuring a long service life of the fluid.
- ➔ Remarkable filterability even in the presence of water.
- ➔ Excellent hydrolytic stability avoiding filter blocking.
- ➔ Excellent protection against rust and corrosion.
- ➔ Good anti-foam and air release properties by using **silicon free** components.
- ➔ Good demulsibility ensuring rapid water separation
- ➔ Reduced maintenance and operating costs.



Very high performance anti-wear hydraulic oils.

APPLICATIONS

Hydraulic circuits

- ➔ Designed for use in all kind of hydraulic sytems running under the most difficult conditions, such as in machine tools, mould injection machines, presses and other industrial or mobile equipment.
- ➔ Also used in many other applications, where an universal high performance anti wear lubricant is the first choice : low charged gears, sliding and roller bearings, air compressors, servo - motors and control systems equipped with fine filtration systems.

SPECIFICATIONS

International specifications

- ➔ AFNOR NF E 48 -603 HM
- ➔ DIN 51524 P2 HLP
- ➔ CINCINNATI MILACRON P68, P69, P70
- ➔ VICKERS M-2950S, -I-286
- ➔ DENISON HF0, HF1, HF2 (T6H20C)

ADVANTAGES

Long equipment life time

High operating reliability

- ➔ High protection against wear insuring maximum equipment life.
- ➔ Superior thermal stability avoiding formation of sludge even at high temperature.
- ➔ Very good oxidation stability ensuring a long service life of the fluid.
- ➔ Remarkable filterability even in the presence of water.
- ➔ Excellent hydrolytic stability avoiding filter blocking.
- ➔ Excellent protection against rust and corrosion.
- ➔ Good anti-foam and air release properties by using **silicon free** components.
- ➔ Good demulsibility ensuring rapid water separation
- ➔ Reduced maintenance and operating costs.



208L

Very high performance anti-wear hydraulic oils.

APPLICATIONS

Hydraulic circuits

- ➔ Designed for use in all kind of hydraulic sytems running under the most difficult conditions, such as in machine tools, mould injection machines, presses and other industrial or mobile equipment.
- ➔ Also used in many other applications, where an universal high performance anti wear lubricant is the first choice : low charged gears, sliding and roller bearings, air compressors, servo - motors and control systems equipped with fine filtration systems.

SPECIFICATIONS

International specifications

- ➔ AFNOR NF E 48 -603 HM
- ➔ DIN 51524 P2 HLP
- ➔ CINCINNATI MILACRON P68, P69, P70
- ➔ VICKERS M-2950S, -I-286
- ➔ DENISON HF0, HF1, HF2 (T6H20C)

ADVANTAGES

Long equipment life time

- ➔ High protection against wear insuring maximum equipment life.
- ➔ Superior thermal stability avoiding formation of sludge even at high temperature.
- ➔ Very good oxidation stability ensuring a long service life of the fluid.

High operating reliability

- ➔ Remarkable filterability even in the presence of water.
- ➔ Excellent hydrolytic stability avoiding filter blocking.
- ➔ Excellent protection against rust and corrosion.
- ➔ Good anti-foam and air release properties by using **silicon free** components.
- ➔ Good demulsibility ensuring rapid water separation
- ➔ Reduced maintenance and operating costs.



WULF CF-4 SG Multi Grade Engine Oils are formulated with refined high quality, high base stocks and multi-functional additives. They provide outstanding performance in lubricating engines fueled with gasoline or diesel oils under severe operating environment, especially for large-scale coaches.

Specifications

API CF-4 SG

SN - Synthetic Base

- AFNOR NF E 48The product meets the following specifications:
- API CF-4 SG
- GB 11121-2006 SG, GB 11122-2006 CF-4

Advantages

Synthetic Base is protection of both diesel & petrol engines.

High operating reliability

- Meeting requirements of mixed fleet
- Excellent anti-oxidation property, effectively prolonging oil drain interval
- Excellent detergency and dispersancy, making engines cleaner, reducing formation of black sludge caused by start-stop service
- Excellent anti-wear and anti-friction property, effectively protecting frictional parts of engines
- Outstanding TBN (Total Base Number) retention, protecting engines from corrosive wear
- Low volatility, reducing consumption of engine oil
- Good compatibility with rubber, effectively protecting sealed material against leakage

Provides Wear Protection

- Suitable for bus/car/truck engines of normal aspiration, direct injection, equipped turbo chargers and multi-valves, fuelled with petrol or diesel oil and working in various severe conditions
- Suitable for large power, heavy duty diesel engines of such machines as mine vehicles, various trucks, trailers and other engineering vehicles, and for lubrication of diesel engines requiring oils of API CF-4 SG.



WULF CF-4 SG Multi Grade Engine Oils are formulated with refined high quality, high base stocks and multi-functional additives. They provide outstanding performance in lubricating engines fueled with gasoline or diesel oils under severe operating environment, especially for large-scale coaches.

Specifications

API CF-4 SG

SN - Synthetic Base

- AFNOR NF E 48The product meets the following specifications:
- API CF-4 SG
- GB 11121-2006 SG, GB 11122-2006 CF-4

Advantages

Synthetic Base is protection of both diesel & petrol engines.

High operating reliability

- Meeting requirements of mixed fleet
- Excellent anti-oxidation property, effectively prolonging oil drain interval
- Excellent detergency and dispersancy, making engines cleaner, reducing formation of black sludge caused by start-stop service
- Excellent anti-wear and anti-friction property, effectively protecting frictional parts of engines
- Outstanding TBN (Total Base Number) retention, protecting engines from corrosive wear
- Low volatility, reducing consumption of engine oil
- Good compatibility with rubber, effectively protecting sealed material against leakage

Provides Wear Protection

- Suitable for bus/car/truck engines of normal aspiration, direct injection, equipped turbo chargers and multi-valves, fuelled with petrol or diesel oil and working in various severe conditions
- Suitable for large power, heavy duty diesel engines of such machines as mine vehicles, various trucks, trailers and other engineering vehicles, and for lubrication of diesel engines requiring oils of API CF-4 SG.



WULF CF-4 SG Multi Grade Engine Oils are formulated with refined high quality, high base stocks and multi-functional additives. They provide outstanding performance in lubricating engines fueled with gasoline or diesel oils under severe operating environment, especially for large-scale coaches.

Specifications

API CF-4 SG

SN - Synthetic Base

- ➔ AFNOR NF E 48The product meets the following specifications:
- ➔ API CF-4 SG
- ➔ GB 11121-2006 SG, GB 11122-2006 CF-4

Advantages

Synthetic Base is protection of both diesel & petrol engines.

High operating reliability

- ➔ Meeting requirements of mixed fleet
- ➔ Excellent anti-oxidation property, effectively prolonging oil drain interval
- ➔ Excellent detergency and dispersancy, making engines cleaner, reducing formation of black sludge caused by start-stop service
- ➔ Excellent anti-wear and anti-friction property, effectively protecting frictional parts of engines
- ➔ Outstanding TBN (Total Base Number) retention, protecting engines from corrosive wear
- ➔ Low volatility, reducing consumption of engine oil
- ➔ Good compatibility with rubber, effectively protecting sealed material against leakage

Provides Wear Protection

- ➔ Suitable for bus/car/truck engines of normal aspiration, direct injection, equipped turbo chargers and multi-valves, fuelled with petrol or diesel oil and working in various severe conditions
- ➔ Suitable for large power, heavy duty diesel engines of such machines as mine vehicles, various trucks, trailers and other engineering vehicles, and for lubrication of diesel engines requiring oils of API CF-4 SG.



WULF CH-4-SL Multi Grade Engine Oils are formulated with refined high quality, high base stocks and multi-functional additives. They provide outstanding performance in lubricating engines fueled with gasoline or diesel oils under severe operating environment, especially for large-scale coaches.

Specifications

API CH-4-SL

SN - Synthetic Base

- AFNOR NF E 48The product meets the following specifications:
- API CH-4-SL

Advantages

Synthetic Base is protection of both diesel & petrol engines.

High operating reliability

- Excellent detergency and dispersancy, making engines cleaner, reducing formation of
- black sludge caused by start-stop service
- Aspirated by naturally and turbo-charged diesel powered equipment from leading Japanese, European, and American manufacturers
- Low volatility, reducing consumption of engine oil
- Mixed fleet applications

Provides Wear Protection

- Suitable for bus/car/truck engines of normal aspiration, direct injection, equipped turbo chargers and multi-valves, fuelled with petrol or diesel oil and working in various severe conditions
- Suitable for large power, heavy duty diesel & gasoline engines of such machines as mine vehicles, various trucks, trailers and other engineering vehicles, and for lubrication of diesel & gasoline engines requiring oils of API CH-4-SL.



208L

WULF CH-4-SL Multi Grade Engine Oils are formulated with refined high quality, high base stocks and multi-functional additives. They provide outstanding performance in lubricating engines fueled with gasoline or diesel oils under severe operating environment, especially for large-scale coaches.

Specifications

API CH-4-SL

SN - Synthetic Base

- AFNOR NF E 48The product meets the following specifications:
- API CH-4-SL

Advantages

Synthetic Base is protection of both diesel & petrol engines.

High operating reliability

- Excellent detergency and dispersancy, making engines cleaner, reducing formation of
- black sludge caused by start-stop service
- Aspirated by naturally and turbo-charged diesel powered equipment from leading Japanese, European, and American manufacturers
- Low volatility, reducing consumption of engine oil
- Mixed fleet applications

Provides Wear Protection

- Suitable for bus/car/truck engines of normal aspiration, direct injection, equipped turbo chargers and multi-valves, fuelled with petrol or diesel oil and working in various severe conditions
- Suitable for large power, heavy duty diesel & gasoline engines of such machines as mine vehicles, various trucks, trailers and other engineering vehicles, and for lubrication of diesel & gasoline engines requiring oils of API CH-4-SL.



The latest revision of the JASO MA2 Specification will insure features motorcycle lubricants formulations.

Protection four stroke engine life. Excellent high and low temperature properties to provide dependable protection across a wide range of driving conditions.

Fuel saving technology.

Specifications

- Super 4T 20W50
- JASO MA2

Advantages

- Its specific formulation provides excellent high temperature protection under severe operating conditions and when you start a cold engine.
- The following benefits can be obtained if you use this product:
- Reduction in smokes coming from the exhaust pipe.
- A higher engine cleaning.
- A reduced piston ring wear.



Transmission Fluid is essentially thin hydraulic oil. In order to effectively lubricate the delicate parts of the system, the viscosity of the oil is kept low. ATF is also used as a hydraulic fluid in some power steering systems, as a lubricant.



EP 140 is a high viscosity, mineral oil based gear oil containing anti-oxidant, anti-wear and extreme pressure additives to protect against problems due to oil oxidation, gear wear and corrosion.

Specifications

- ➔ API GL-4 EP-140
- ➔ Gear Oil

Advantages

- ➔ Excellent oxidation resistance and thermal stability to minimize sludge and varnish formation.
- ➔ Good thermal durability and extreme-pressure (EP) properties for long gear life.
- ➔ High load-carrying capacity for protection against scuffing and wear.

Provides Wear Protection

- ➔ An extreme pressure gear oil typically used in manual gearboxes fitted to many passenger cars, vans and commercial vehicles.
- ➔ It is designed to cope with the increasing demands of modern motoring conditions which include high shock load, high torque and high speed service conditions.



EP 140 is a high viscosity, mineral oil based gear oil containing anti-oxidant, anti-wear and extreme pressure additives to protect against problems due to oil oxidation, gear wear and corrosion.

Specifications

- API GL-4 EP-140
- Gear Oil

Advantages

- Excellent oxidation resistance and thermal stability to minimize sludge and varnish formation.
- Good thermal durability and extreme-pressure (EP) properties for long gear life.
- High load-carrying capacity for protection against scuffing and wear.

Provides Wear Protection

- An extreme pressure gear oil typically used in manual gearboxes fitted to many passenger cars, vans and commercial vehicles.
- It is designed to cope with the increasing demands of modern motoring conditions which include high shock load, high torque and high speed service conditions.



208L

EP 140 is a high viscosity, mineral oil based gear oil containing anti-oxidant, anti-wear and extreme pressure additives to protect against problems due to oil oxidation, gear wear and corrosion.

Specifications

- **API GL-4 EP-140**
- **Gear Oil**

Advantages

- **Excellent oxidation resistance and thermal stability to minimize sludge and varnish formation.**
- **Good thermal durability and extreme-pressure (EP) properties for long gear life.**
- **High load-carrying capacity for protection against scuffing and wear.**

Provides Wear Protection

- **An extreme pressure gear oil typically used in manual gearboxes fitted to many passenger cars, vans and commercial vehicles.**
- **It is designed to cope with the increasing demands of modern motoring conditions which include high shock load, high torque and high speed service conditions.**



WULF has been designed to exceed the requirements of the Original Equipment Manufacturers' (OEM's) service fill specifications. WULF has very good thermo-oxidative stability, effectively preventing the formation of sludge and deposits, resulting in a prolonged engine life.

Specifications

- CF/SF 20W50
- Synthetic Base

Advantages

- Provides high thermal stability and oil oxidation resistance.
- High control over wear, rust and corrosion to ensure long life of engine parts.
- Provide a high standard of piston cleanliness.
- Improved fuel economy and filterability.
- Longer maintenance intervals and oil change period.

Provides Wear Protection

- Effective anti-wear properties protect the engine and extend engine life.
- Protects against Rust and Corrosion extending engine life.



WULF has been designed to exceed the requirements of the Original Equipment Manufacturers' (OEM's) service fill specifications.
WULF has very good thermo-oxidative stability, effectively preventing the formation of sludge and deposits, resulting in a prolonged engine life.

Specifications

- **CF/SF 20W50**
- **Synthetic Base**

Advantages

- **Provides high thermal stability and oil oxidation resistance.**
- **High control over wear, rust and corrosion to ensure long life of engine parts.**
- **Provide a high standard of piston cleanliness.**
- **Improved fuel economy and filterability.**
- **Longer maintenance intervals and oil change period.**

Provides Wear Protection

- **Effective anti-wear properties protect the engine and extend engine life.**
- **Protects against Rust and Corrosion extending engine life.**



Specifications

- ➔ SAE50-SC/CD
- ➔ Mono Grade

Advantages

- ➔ It has a good level of detergency and dispersancy.
- ➔ Protection against wear and rust prevention.
- ➔ Excellent high-temperature stability.
- ➔ Excellent internal engine cleanliness.
- ➔ Excellent oxidation protection at high temperatures.

Provides Wear Protection

- ➔ WULF Mono range oils are standard mono-grade diesel engine oils suitable for use in older engines of light & Heavy commercial trucks and vans.
- ➔ The product is manufactured using high quality base stocks and proven additive packages to provide the best anti-wear protection and all-round superior performance.



Specifications

- ➔ SAE50-SC/CD
- ➔ Mono Grade

Advantages

- ➔ It has a good level of detergency and dispersancy.
- ➔ Protection against wear and rust prevention.
- ➔ Excellent high-temperature stability.
- ➔ Excellent internal engine cleanliness.
- ➔ Excellent oxidation protection at high temperatures.

Provides Wear Protection

- ➔ WULF Mono range oils are standard mono-grade diesel engine oils suitable for use in older engines of light & Heavy commercial trucks and vans.
- ➔ The product is manufactured using high quality base stocks and proven additive packages to provide the best anti-wear protection and all-round superior performance.



Specifications

- SAE50-SC/CD
- Mono Grade

Advantages

- It has a good level of detergency and dispersancy.
- Protection against wear and rust prevention.
- Excellent high-temperature stability.
- Excellent internal engine cleanliness.
- Excellent oxidation protection at high temperatures.

Provides Wear Protection

- WULF Mono range oils are standard mono-grade diesel engine oils suitable for use in older engines of light & Heavy commercial trucks and vans.
- The product is manufactured using high quality base stocks and proven additive packages to provide the best anti-wear protection and all-round superior performance.



SG/CD General Engine Oil. WULF SG/CD General Engine Oils are formulated with high quality mineral base stocks and multiple additives. These products are suitable for lubrication of gasoline and diesel oil engines using SG, CD engine oils or below.

Specifications

- API SG/CD 20W50
- Motor Oil

Advantages

- Prolongs the life of valves and spark plugs.
- Cleans pistons and engines.
- Reduces fuel and oil consumption.
- Minimizes varnish and sludge.
- Provides excellent protection against engine wear.

Provides Wear Protection

- SG/CD series is formulated with high-quality base stocks and a balanced additive system to provide a high level of engine protection and performance.
- It works harder than other conventional motor oils by continuously preventing dirt and sludge build-up and reduces engine noise.
- This product meets the requirements of most car manufacturers and is suitable for standard services.