

# CASE **III** NEW SSL SYNTHETIC LUBRICANTS

While standard formulations of products such as No. 1 Engine Oil and Hy-Tran Ultra continue to exceed the performance of typical competitive oils on the market, several new 'SSL' synthetic-based versions of these products are now available to meet the needs of the most discriminating customers. These SSL products are part of our new 'Akcela' expanded offering, and are designed to allow your equipment -- and your operation -- to excel. They have similar additive packages to their mineral-oil-based traditional counterparts, but are blended with synthetic base-oil stocks for customers who demand the ultimate in performance.

There are many misconceptions in the marketplace about synthetic-based oils. The use of a synthetic oil will not necessarily reduce the potential for contamination, or allow extended drain intervals. It must be treated the same way a mineral-based oil would be treated -- including regularly checking oil levels, replacing filters, and doing scheduled oil sampling.

Synthetic-based oils do offer definite advantages, such as better resistance to oxidation, and more stable viscosity over a wide temperature range. However, the additive packages used in competitive synthetic oils on the market vary widely, and only genuine Case and Case IH synthetic oils have the additive package specified by Case engineers for your equipment.

Compare the superior features below, and see your dealer for more information on how you can step up to the ultimate in Case and Case IH lubrication technology.



**Upgrade your operation to new Case IH synthetic-based lubricants for the ultimate in performance. Oil additives used in competitive synthetic-based products vary, and are typically designed for "on-highway" applications. The additive packages in all Case IH oils -- including these new synthetic-based products -- are specifically designed for your heavy-duty, off-road equipment.**



## No. 1 SSL Engine Oil (0W40)

All viscosity grades of No. 1 Engine Oil are premium, high-performance oils specifically designed and tested to provide maximum protection, performance, and long life in heavy-duty, high-temperature operation. They're specifically designed for Case IH agricultural and other off-highway, diesel-powered equipment. No. 1 SSL 0W40 has a similar additive package to other No. 1 products, but contains a synthetic-blend base oil which gives it several distinct advantages.

### No. 1 SSL Engine Oil (SAE 0W40):

- Contains synthetic-blend base oil for the ultimate performance and wear protection in all Case IH engines. It also provides excellent protection in other brands of diesel engines.
- Allows faster engine starts, and more immediate engine lubrication.
- Provides reduced oil consumption.
- Reduces maintenance costs and extends engine life.
- Provides superior performance in severe service applications, with less viscosity variation over a broad ambient temperature range of  $-40^{\circ}$  to  $+104^{\circ}$  F ( $-40^{\circ}$  to  $+40^{\circ}$  C).
- Is formulated specifically to inhibit oxidation and corrosion.
- Provides superior protection against wear and corrosion. It helps keep engines exceptionally clean, minimizing deposits and maintaining excellent soot control.
- Allows excellent cold-weather starting and operating performance.

### Part Numbers:

B505693 .....2.5-GAL / 9.46L  
 B505694 .....30-GAL / 113.56L

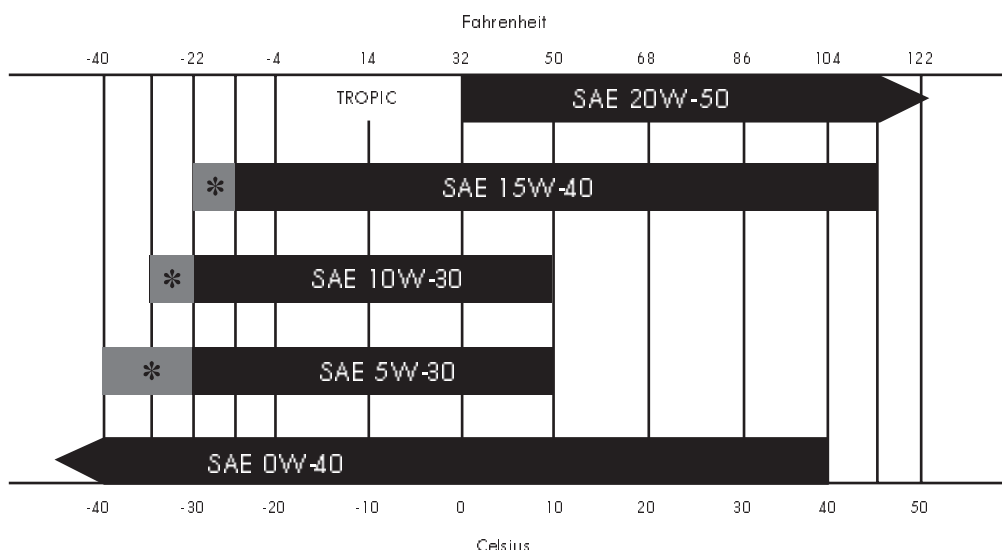


**New No. 1 SSL 0W40 Engine Oil provides stable viscosity in extremes of heat and cold, and excels at protecting your engine against corrosion and oxidation in nearly any climate.**

### Service Ratings:

- API CH-4, CG-4, CF-4, SL
- Cummins 20076, 20077, 20078
- Mack E0/K-2, Mack E0-M Plus
- ACEA5
- JASO CD
- MAN 270 & 271
- Caterpillar Series 3
- Also meets Caterpillar TO-2 and Allison C-3 and C-4 performance requirements.

## Engine Oil Viscosity/Ambient Temp Chart



## Hy-Tran Ultra SSL

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Hy-Tran Ultra SSL is a synthetic formulation of Hy-Tran Ultra that has the same long standing advantages of standard Hy-Tran Ultra -- such as superior water tolerance and corrosion resistance -- yet has even better chemical stability, oxidation resistance, and viscosity protection over a wide temperature range.

### HY-TRAN ULTRA SSL:

- Contains synthetic base stocks to provide superior performance in severe service applications, with less viscosity variation over a broad ambient temperature range of  $-40^{\circ}$  to  $+122^{\circ}$  F ( $-40^{\circ}$  to  $+50^{\circ}$  C).
- Provides better water tolerance and filtration efficiency than typical tractor fluids. Water tolerance is critical for preventing additive drop-out, filter plugging and sluggish performance.
- Provides superior wear protection for hydraulic components, drive train gears, and other transmission parts.
- Has controlled frictional characteristics to provide smooth operation of wet brakes and clutches. Special non-zinc additives ensure a thermally and hydrolytically stable product, keeping the system free of deposits, and helping prevent corrosive by-products.
- May be used in all applications where Case IH Hy-Tran, Hy-Tran Plus or low-temperature/all-season Hy-Tran fluids were formerly recommended. It has been thoroughly tested by Case engineering and approved for Case, Case IH and International Harvester equipment.
- Provides superior performance in extremes of both cold and heat.



**Hy-Tran Ultra SSL builds on more than 40 years of Hy-Tran excellence. It has a similar additive package to our traditional Hy-Tran, but using synthetic base stocks provides even better chemical stability, oxidation resistance and viscosity protection.**

### Service Ratings:

- Case MS1206, MS1207, MS1209
- International Harvester B-6
- Caterpillar TO-2

### Part Numbers:

236610A2 .....5-GAL / 18.93L  
B505698 .....30-GAL / 113.56L

## SSL Synthetic Grease

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SSL Synthetic Grease is a synthetic-based, extreme-pressure grease for use in agricultural, construction, automotive and industrial equipment. It's designed for use in conventional- and disc-brake wheel bearings, universal joints, spline shafts, water pumps, and general chassis lubrication.

Our SSL Synthetic Grease provides excellent low- and high-temperature performance, so you can work with confidence -- knowing your equipment is protected, even in extremes of heat and cold. In hot weather, its synthetic formulation helps avoid the loss of viscosity and protective properties that can occur with conventional greases. In colder weather, conventional petroleum-based grease can become so thick that it becomes resistant to flow, starving joints of grease and leading to premature wear of your equipment. Use Case IH SSL Synthetic Grease, and be ready for extreme performance.

### Service Ratings:

NLGI 2  
NLGI GC-LB

### Part Number:

B505709



# Gear Lube SSL

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Our new SSL Gear Lube is a synthetic-based 75W90 transmission and gear oil for severe service in agricultural and construction equipment. It's highly resistant to thermal breakdown, and provides excellent low-temperature flow.

Like all Case IH gear lubes, this premium extreme-pressure product provides superior foam- and oxidation-stability. It reduces the risk of corrosion and deposits that can cause costly damage to your equipment, especially in gear cases, bearing rollers, races and thrust washers.

### Service Ratings:

- API GL-5
- MIL-L-2105D
- MIL-PRF2105E
- ZFTE-ML05A

### Part Number:

B505707 .....1 QT. / 0.946L



**New Gear Lube SSL is highly resistant to thermal breakdown, and provides excellent low-temperature flow, in the most demanding applications.**

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This literature has been published for worldwide circulation. Availability of some models and equipment builds varies according to the country in which the equipment is used. The illustrations and text may include optional equipment and accessories and may not include all standard equipment. Your Case IH dealer/distributor will be able to give you details of the products and their specifications available in your area.

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### SEE YOUR LOCAL CASE IH DEALER

 **SAFETY NEVER HURTS!**<sup>TM</sup> Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs, and use any safety features provided.

