PERFORMANCE

Supreme Formula Engine Oil

- ***Manufacturer Approved For Extended Drain Service***
- ***Straight Grades For Uniform Viscosity***
- ***Superior Soot Handling For Improved Performance In New EGR Engine Designs***

SWEPCO 305 provides superior protection and cost efficiency in demanding trucking, mass transit, mining, construction, manufacturing and municipal services applications ... mobile or stationary ... diesel or gasoline.

SWEPCO 305 Supreme Formula Engine Oil is a premium quality, multi-purpose, extended service engine oil specially formulated to provide superior performance under the most demanding operating conditions.

Advanced chemistry provides outstanding wear control, service life, cleanliness, thermal stability and corrosion resistance for most diesel and gasoline engines.

Carefully formulated SAE 30 and SAE40 grades deliver superior lubrication for applications which require uniform viscosity levels.

SWEPCO 305 is formulated from the very finest high VI 100% solvent refined paraffinic base stocks available and the most advanced additive chemistry, including *DIMONYL®*, SWEPCO's proprietary anti-wear additive.

Because SWEPCO Engine Oil provides superior performance for a longer period of time, SWEPCO 305 saves money through overall reduced lubrication costs, including fuel conservation, reduction of waste, reduced maintenance costs and extension of equipment and oil life.

All Engine Oils Are NOT Equal ...

Which performance level do you want protecting your engines? The piston on the left was run with SWEPCO 305. The piston on the right was run with a conventional major brand engine oil. Notice the reduced carbon deposits, varnish, oxidation, sludge, piston scuffing and clean ring channels.

Feature	Benefit
High VI Paraffinic Base Stock	• Gives you a more uniform viscosity over a wide temperature range • Helps improve high temperature oxidation and thermal stability • Better low temperature flow characteristics help reduce start-up wear • Extends service life
DIMONYL®	• Acts as a synergist enhancing the performance of base stock and additives • Forms a protective film eliminating premature wear and reducing friction • Helps improve fuel economy by reducing friction and drag • Helps build the film strength required to withstand extreme pressures
Oxidation Inhibitor	• Reduces oil thickening • Helps prevent sludge, varnish and carbon deposits that result from oxidation
Rust and Corrosion Inhibitor	• Builds a chemical bond with the surface to keep moisture and acids from penetrating and attacking the surfaces
Anti-Foam Additive	• Can lower oil operating temperatures by 25 -50 degrees F by dispersing the foam and releasing the trapped heat
Oiliness Additive	• Enables the oil to penetrate the surface for better lubrication
Anti-wear Inhibitor	• Helps prevent friction and wear • Helps prevent metal to metal contact
Detergent Additive	• Helps keep engine parts clean, neutralizes acids formed during combustion
Dispersant Additive	• Helps keep solid contaminants in the oil in colloidal suspension, preventing sludge and varnish deposits on engine parts
Pour Point Depressant Additive	• Gives the oil better low temperature flow characteristics • Helps to reduce low temperature start-up wear
Viscosity Index Improver Additive	• Less high temperature thinning and low temperature thickening
Saves Fuel	• Increased "oiliness" provides anti-friction film to reduce fuel consumption
Long Life	• Works harder for a longer period of time thus easing the cost and your worries about waste oil disposal
Multi-Purpose Formulation	• Reduces inventory and lubrication errors to save you money
Lab*Tec*SM Fluid Analysis Program	• Can maximize equipment and lubricant life and pinpoint impending problems • Reduces waste
Bottom Line	• Extends the life of your expensive equipment • Conserves fuel • Reduces waste disposal • Increases the service life of the oil • Reduces labor costs through decreased and simplified maintenance • Reduces costly scheduled and unscheduled downtime • Multi-purpose formulation that reduces inventory and lubrication errors

Exceeds The Following Specifications:

- MIL-PRF-2104G
- MIL-L-46152E
- Allison C-4 (30w)
- Caterpillar TO-2
- Detroit Diesel 7SE270
- Cummins NTC 400 (SAE 30)
- Mack T-7 and T-8
- CAT 1 K & Double Extended Cat 1K

Typical Properties:

SAE Grade	30	40
Density, lbs/gal	7.42	7.48
Density, kg/l	(0.89)	(0.90)
Viscosity, SUS @ 100 ° F	550	780
Viscosity, SUS @ 210 ° F	67	77
Viscosity, cSt @ 40 ° C	115	162
Viscosity, cSt @ 100 ° C	12.1	14.3
Viscosity Index	100	100
Color	purple	purple
Pour Point ° F, Max (°C)	0 (-18)	10 (-12)
Flash Point, COC, ° F, Min (°C)	470 (243)	480 (248)
Total Base Number	10	10

A Product of SPX Technology™.

... the cutting edge performance SWEPCO Customers have come to expect since 1933

ilma Member · NGI Member · STLE Member · ISO 9001 BUREAU VERITAS Certification · ENERGY STAR PARTNER Service & Product Provider · QUALICHEM MEMBER · UEIL Member · Member

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