PERFORMANCE

High Impact Plus Grease

SWEPCO 105 High Impact Plus Grease is a premium quality, multi-purpose grease designed for use in a wide range of severe service applications. Its tough, fibrous consistency, high shock resistance, high film strength and naturally high affinity for metal means it “stays put” under the most demanding conditions, assuring consistent, uniform lubrication.

SWEPCO 105 High Impact Plus Grease is especially formulated for high shock applications with exposure to water, corrosive and abrasive contaminants.

SWEPCO 105’s superior water resistance, temperature and chemical stability and corrosion protection provide a wider margin of safety when expensive, heavy-duty equipment must be operated in severe service.

SWEPCO 105 is formulated from the very finest base stocks available and the most advanced additive chemistry, including LUBIUM®, a proprietary chemical wear-reducing additive developed by SWEPCO for exclusive use in SWEPCO Lubricants.

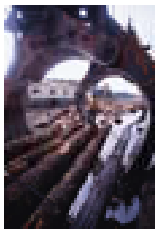
A highly stable gelling agent helps prevent “bleeding” or running at high temperatures. A natural "alkaline reserve" helps neutralize acidic mixtures and other corrosive materials present in many severe lubrication applications.

SWEPCO 105 has an unusually high resistance to water and steam, making it especially well suited for lubrication of fittings and friction bearing surfaces exposed to these elements.

SWEPCO 105 saves money by lowering lubricant consumption, minimizing unscheduled downtime, extending the life of equipment and eliminating the danger of costly lubricant errors. SWEPCO 105 is the ultimate grease for high shock and extreme service.

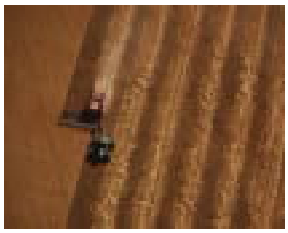
Here are some typical uses: chassis, wheel bearings (off road), plain, roller, ball & hyatt bearings, king pins, bushings, U-joints, couplings, pump & motor bearings, fifth wheels, gate valves and many others.

Waste Water Treatment



Logging & Mills

Waste Recycling



Construction & Agriculture

Feature	Benefit
Quality Base Stock	• Gives you a more uniform viscosity over a wide temperature range • Helps improve high temperature oxidation and thermal stability • Better film strength to prevent metal-to-metal contact and help reduce wear • Extends service life
LUBIUM®	• Acts as a synergist enhancing the performance of the other additives and the base stock • Forms a protective film on moving parts eliminating premature wear
Rust & Corrosion Inhibitor	• Builds a chemical bond with the surface to keep moisture and acids from penetrating and attacking the surfaces
Extreme Pressure Additive	• Helps build the film strength of the grease giving it the ability to withstand extreme pressures
Adhesive / Cohesive Additive	• Enables the grease to adhere to the surface and to itself • Stays put even in high shock applications
High Shock Resistance	• Won't "pound out" in high shock applications
High Temperature Resistance	• Won't "run off" in high temperature environments
Superior Water Resistance	• Won't "wash out" even in direct contact with high pressure water or steam conditions • Excellent for fresh or salt water applications
Superior Acid Resistance	• Won't break down/thin out when exposed to acidic and caustic conditions
Seals Out Contaminants	• Forms a protective "dust shield" to seal out abrasive dirt/dust and other abrasive contaminants • Longer equipment life • Less hard part replacement costs
Saves Energy	• Increased "oiliness" provides a thin friction reducing film on vital metal parts to reduce power usage
Long Life	• Works harder for a longer period of time thus easing the cost and worries about excessive consumption and drum disposal
USDA & Canada Health Approved	• Authorized for use in closed lube systems in food and beverage plants
Multi-Purpose Formulation	• Reduces inventory and lubrication errors to save you money
Bottom Line - Increases Profit Through	• Extended equipment life • Extended service intervals • Reduced labor costs through decreased and simplified maintenance • Reduced costly scheduled and unscheduled downtime • Multi-purpose formulation that reduces inventory and lubrication errors

Typical Properties

NLGI Grade	#1	#2
Penetration, @77 °F, ASTM D-217	325	280
Color		Amber
Thickener Type		Barium Complex
Density, Lb/Gal (kg/l) @ 60°F. (15.5°C.)		7.73 (0.93)
Texture		Fibrous
Dropping Point °F (°C), ASTM D-2265		375 (191)
Base Oil Viscosity, cst @40°C	218.0	216.8
Base Oil Viscosity, cst @100°C	17.0	16.9
Timken OK Load, Lbs., ASTM D-2509		30
Oxidation Stability, PSI Drop, 100 Hrs, ASTM D-942		4
Rust Prevention Rating, ASTM D-1743		1
Shell 4 Ball Weld, Kg. ASTM D-2596		315
Shell 4 Ball Wear, Scar, mm, ASTM D-2266		0.50
Leakage Tendencies, ASTM D-1263		Pass
Copper Strip Corrosion, ASTM D-130		1b
Lincoln Ventmeter, psi@ 0°F	1150	n/a
Lincoln Ventmeter, psi@ 30°F	575	975
Lincoln Ventmeter, psi@ 74°F	250	475
Optimum Operating Temperature Range °F (°C)		-4 to +350 (-20 to +177)

A Product of SPX Technology™.

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

ilma Member NLGI Member STLE Member

Service & Product Provider

QUALICHEM MEMBER

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