

COMANCHE GEAR



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GREASE MIXING INSTRUCTIONS

HOW TO MAKE A \$750 TUB OF 2196-74-1 DUKES GREASE FOR \$50!

START WITH A CLEAN QUART-SIZE PAINT CAN WITH A LID. ADD 3-1/2 OZ OF MOBIL DTE OIL ISO 32 / SAE 10 - FOUND HERE <https://www.mcmaster.com/2158k14>.

Mobil DTE Light Oil,



SLOWLY ADD 4 TABLESPOONS OF MoS2 POWDER [EBAY AND AMAZON] A LITTLE AT A TIME [SPRINKLE IT, DON'T JUST DUMP IT] STIR TO MIX WELL. EMPTY THE CONTENTS OF A 14-OUNCE TUBE OF AEROSHELL 64 INTO THE CAN, FOLDING AND MIXING WITH A PAINT STIRRER. SCRAPE THE SIDES AND BOTTOM WITH A SPATULA AND STIR SOME MORE.

NEXT WITH AN ELECTRIC MIXER, USE SLOW SPEED AND CONTINUE MIXING UNTIL YOU FEEL IT'S HOMOGENEOUS. USE THE SPATULA AGAIN AND STIR SOME MORE.

YOU'LL SEE THAT A SMALL AMOUNT OF THE OIL WILL SEPARATE AFTER A WHILE [A WEEK OR 2]. JUST STIR AGAIN WITH A PAINT STICK OR TONGUE DEPRESSOR AND IT SEEMS FINE. KEEP THE TONGUE DEPRESSOR IN THE CAN WITH THE LID. USE A Q-TIP TO GREASE THE NEEDLE BEARING IN THE DUKES TRANSMISSIONS AFTER DISASSEMBLING AND CLEANING THE HOUSING.

THE [MIN] 10% BY VOLUME SPECIFIED IN THE MOONEY BULLETIN IS EXCEEDED SOMEWHAT BY USING 4 TABLESPOONS OF MoS2. I DID THE MATH A WHILE AGO AND NOW DON'T PREZACTLY RECALL THE CONVERSION FROM THE GRAMS PERSPECTIVE. I ACTUALLY USED MY TRIPLE-BEAM BALANCE TO BEGIN, DECIDING IT WAS TOO COMPLICATED EACH TIME. I FIGURED THE RELATIONSHIP AND THEN JUST EYE-BALLED THE RELATIVE VOLUME WITH A BEAKER; THAT'S HOW I ARRIVED AT THE 4 TABLESPOON PROPORTION.

GOOD LUCK,