

## PRODUCT SPECIFICATIONS & TECHNICAL DATA

### PETROFLO TR-77 HEAVY DUTY GREASE

**PETROFLO TR-77 HEAVY DUTY GREASE** is an all purpose grease specially formulated with extreme pressure and, anti-wear additives to provide heavy-duty service. **PETROFLO TR-77 HEAVY DUTY GREASE** withstands heavy shock load, and extreme pressures of 65 Timken Load. **PETROFLO TR-77 HEAVY DUTY GREASE** has excellent adhesive and cohesive properties. **PETROFLO TR-77 HEAVY DUTY GREASE** resists most acids, weather, dirt, salts, spray, steam and oxidation. **PETROFLO TR-77 HEAVY DUTY GREASE** protects equipment under heavy loads, and high temperatures, both indoors and outdoors. **PETROFLO TR-77 HEAVY DUTY GREASE** is available in two grades to suit the different season requirements and your applicable needs (S-SUMMER, W-WINTER).

#### **BENEFITS:**

- Reduces both Friction and Metal Wear
- Shock Resistant
- Water Proof
- Impact Resistant
- Heat Resistant
- Corrosive Resistant
- Seals Out Dust and Dirt
- Reduces Noise
- No Pound Out or Thin Out
- Performs at up to 550°
- Contains Rust Inhibitors
- Prolongs Life of Metal
- Eliminates Lube Waste

#### **APPLICATIONS:**

- Autos
- Trucks, Fleets
- Buses
- Farm Equipment
- Power Mills, Steel Mills, Lumber Mills
- Industrial Dairies
- Textile Plants, Bottling Plants, Cement Plants, Sewage Plants
- Aircrafts
- Marine
- Ranches
- Elevators
- Oil Fields
- HVAC Sanitation and Construction

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**PERFORMANCE PROPERTIES**

<u>TEST</u>	<u>ASTM METHOD</u>	<u>RESULTS</u>
Penetration @77 F	D217	#77S (W)
Unworked		275 295
Worked 60 strokes		284
Worked 10,000 strokes		297
Worked 100,000 strokes		310
Roll Stability (% change)	D1831	304 (+7)
Rust Protection	D1743	PASS
Dropping Point © F.	D2265	550 (288)
4-Ball EP Performance	D2596	
Load Wear Index		100
Weld Point, KFG		500 Min.
4-Ball Wear Protection	D2266	0.5
Scar Diameter, mm		
Timken OK Load, Lbs.	D2509	65
SRV Friction Test @80©		
Weld N-m		1200
Coefficient of Friction		0.092
@300 N		
Wheel Bearing Life	D3527	794
Test, hrs.		
Water Washout	D1264	2.4
@175F. %		
Oil Separation, % Loss	D1742	.2

**TYPICAL ANALYSIS**

Viscosity @ 40 Cst	D445	118
Viscosity @ 100 Cst	D445	12.5
Viscosity @ 100 F. SUS	D2161	620
Viscosity @210 F. SUS	D2161	69
Viscosity Index	D2270	96
LOW TEMPERATURE		
TORQUE WHEEL	D4693	6.5
BEARING -40 © N-m		

The above analyses are typical inspections only and the finished product may vary from batch to batch.