

Protection Without Barriers

Product Information

PM310 Fluid Sphere is a high-performance, versatile STOU Super Tractor Oil Universal lubricant engineered to simplify maintenance by replacing multiple oils with one powerful solution. PM310 Fluid Sphere is a 20W40 viscosity grade lubricant with a spark-ignition API: SF classification while carrying a compression-ignition rating of CG-4 CF-4. The PM310 Fluid Sphere formulation is a low-phosphorus lubricant specifically engineered to deliver the highest level of engine and gear anti-squawk performance. **The product also incorporates a vapour-phase additive package that coats metal surfaces, preventing the ingress of water and air.** Meeting the rigorous demands of off-highway construction, transport, mining, industrial, and marine equipment, *Fluid Sphere* also delivers dependable performance in manual gearboxes for cars, vans, and light commercial vehicles requiring an API GL-4 80W-85 gear oil specification. Recommended for use in crankcases of diesel and four-stroke petrol power units, hydraulic systems, transmissions, wet brakes, power take-off clutches and power steering units. It is especially effective in hydrostatic transmissions under the hot, demanding conditions experienced in Australian agriculture, given its higher viscosity compared with the industry standard, 10W30 hydraulic transmission fluid.

Features & Benefits: Rust, oxidative and thermal stability. PM310 Fluid Sphere prevents oil thickening and the formation of harmful deposits that can inhibit heat transfer. Protection of all critical components, especially in engines, where protection from corrosion is required. Reduced risk of seal leakage.

Dual Wear System. Outstanding protection for spur, helical, spiral bevel gears, and bearings. Safe with yellow metals in hydrostatic and hydraulic equipment.

Optimised Friction System. PM310 Fluid Sphere provides good lock-up and holding capacity for clutches in transmission and Power Take-Off (PTO) units—Suppresses wet brake noise. PM310 Fluid Sphere has proven excellent braking capacity. Minimises friction and wear while maintaining power output. Sustains oil pressure.

PM (Preventative Maintenance) Lubrication highly recommends, where possible, incorporating 2-micron knife-edge filtration to extend lubricant and component life. Combine both technologies and enjoy the benefits.

Typical Properties

SAE Viscosity	20W40
Kinematic Viscosity	
Viscosity @ 40°C	118 cSt
Viscosity @ 100°C	13.8 cSt
TBN	7.54
Pour Point °C	-45
Flash Point °C	TBA
Colour	Red
V.I.	112
Ash, Sulphated	1.10
Density @ 15°C kg/L	0.863

Benefits

- Reduces Friction and Wear
- Improves Power
- Exceptional Cleanliness
- Lower Wear Rates
- Sustains Oil Pressure
- Excellent Protection from Corrosion

Available in 200L, 20L, 5L, 4 x 5L Containers

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Meets or Exceeds Service Classifications

- API SF CG-4, CF-4, CF
- ACEA E2
- API: GL-4
- MIL-L-2104E
- Allison C-4
- Caterpillar: TO-2
- Ford: M2C159B, C
- John Deere J20
- MAN: 271
- Massey Ferguson: M1139, M1144, M1135, M1145
- Mercedes-Benz: 227.1, 228.1, 228.3
- ZF: TE-ML06B,06C,06D, 07B

PM310 Fluid Sphere

Premium Coverage! Every System! Every Time!

Why PM Lubrication?

- ❖ Premium Quality
- ❖ XPR Protection Reserve
- ❖ Cost Effective Lubrication
- ❖ On-Site Monitoring will maximise equipment life
- ❖ Knife Edge Filtration
- ❖ Our Predictive & Preventative Maintenance Programme is **GUARANTEED** to save 15% of your Total Operating Costs



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PM Lubrication
4/105 Archibald St, Paget
Queensland 4740 Australia
Tel: 07 4998 5851 Mob: 0419 771 825
www.pmlubrication.com.au hello@pmlubrication.com.au

