

LSTÜMPA FRC 300

(Friction Reducing Concentrate for Metal Treatment)

LSTÜMPA FRC 300 is an advanced friction-reducing concentrate designed for metal treatment. It represents cutting-edge lubrication technology, capable of reducing friction under extreme loads, pressures, and temperatures. This results in significantly reduced wear and prolonged life of engines and machinery. Unlike many oil additives, LSTÜMPA FRC 300 is a metal treatment concentrate and contains no solid lubricants such as PTFE, molybdenum disulfide, lead, or zinc, thereby avoiding sludge buildup and clogged oil filters.

Applications

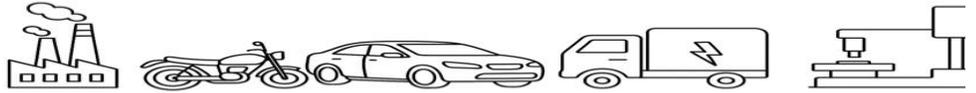
LSTÜMPA FRC 300 is compatible with all mineral, semi-synthetic, and synthetic hydrocarbon-based lubricating oils. It is suitable for internal combustion engines, gear systems, industrial machinery, marine engines, agricultural equipment, and high-performance racing vehicles. Industries served include Mining, Oil & Gas, Manufacturing, Civil Construction, Automotive, Marine, Agriculture.

Benefits

- Reduces friction, wear, and engine drag
- Minimizes oil consumption and oxidation
- Reduces corrosion and exhaust emissions
- Does not build up on metal surfaces
- Provides instant startup lubrication
- Ensures cold start protection
- Lowers noise, vibration, and fuel consumption
- Extends engine and equipment lifespan

Key Properties

Property	Test Method	Value
Density @ 20°C	IP 261	0.98
Viscosity @ 40°C	ASTM D445	13.9 mm ² /s
Viscosity @ 100°C	ASTM D445	7.2 mm ² /s
Flash Point (PMCC)	ASTM D93	184°C
Total Base Number (TBN)	ASTM D2896	7.1
Copper Corrosion	ASTM D130 / IP 154	1a
Rust Prevention	ASTM D665 / IP 135 B	Pass



Recommended Dosage

Application	% of Sump Oil Capacity
Crank case oil for Petrol/Diesel/CNG/LPG Engines	10%
Manual Transmission	10%
Automatic Transmission	6%
Wet clutch assemblies	6%
Differentials	10%
Heavy Duty reduction gearboxes	10%
Hydraulic pumps and rams	6%
Compressors	10%

Important Notes

- * Re-treat metal surface at the time of next oil change as per above ratio.
LSTÜMPA FRC 300 cannot repair damaged or worn surfaces.

Product Characteristics

Color: Brown
Non-Hazardous: Yes

Packaging

Available in 5 Litre , 20 Litre and 200 Litre Drums.