



Tena-Film Organic Moly Compound Grade OCR-23 & 0-23

SPECIFICATIONS

	<u>Grade OCR-23</u>	<u>Grade 0-23</u>
Worked Penetration @ 77 ° F.	265/295 (NLGI No.2)	265/295 (NLGI No. 2)
Metallic Soap	None	None
Gelling Agent	NYKON 77 (synthetic thickener)	NYKON 77
Fillers	None	None
Water, %	0.1	0.1
Free Fatty Acid, %	0	0
Alkali, %	0	0
Corrosion Inhibitor	YES-Passes ASTM D-1743 Bearing Corrosion Test	
Anti-Wear Additive	Organic Molybdenum	Organic Molybdenum
Dropping Point	None	None
Color	Greenish – yellow	Orange – yellow
Texture	Smooth, slightly tacky	Smooth, slightly tacky
Mineral Oil, %	92	89
Pumpable @ ° F.	0	+10

Oxidation Stability:

NORMA HOFFMAN OXYGEN

BOMB TEST

lbs/sq. in. pressure drop in

100 hrs. operation, maximum	5	5
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Properties of Base Oil:

Viscosity @ 100° F., sec. S.U.	650	2500
Viscosity Index, minimum	95	95
Flash, ° F.	500	560
Carbon Residue, Conradson	0.10	0.70

BENCH TEST ANTI-WEAR & FILM STRENGTH DATA

Falex Wear – 350 lb Gauge Load

Duration	60 minutes
Pin Weight Loss	0.8 mg
Block Weight Loss	1.8 mg
Friction (in-lb.)	8

Shell 4 – Ball Wear

(2 hrs., 40 kg. Load, 1800 RPM, 85 ° F.)	0.385
Average Wear Spot Diameter, mm.	0.385
Mean Specific Pressure	
kg./sq. in.	14,035
lbs/sq. in.	199,620
Grease Temperature at end of test, ° F.	127

Shell 4 – Ball Weld Load	251 kg.
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APPLICATIONS

TENA-FILM ORGANIC MOLY COMPOUND is a No-Melt grease developed for both high load and severe moisture conditions. It contains a latex additive to provide tackiness for maximum adhesion of lubricant. The new Organic Moly Compound has shown an improvement in anti-wear oxidation stability and non-corrosiveness in damp areas over Molybdenum Disulfide (Inorganic – Black) in bearing service. The organic Moly is thermally stable to 530° F., it decomposes to form Molybdenum Disulfide.

Grade OCR-23 is especially effective in bearings operating in high moisture conditions such as found in paper mill plants, chemical plants, machine tools operating with water soluble coolants, boat trailer bearings, etc.

Grade 0-23 has the same physical properties as the OCR-23, however, since it is made from a 2500 sec. Mineral Oil base, it has a wider range of application for heavy duty construction equipment, trucks, automobiles, quarry equipment and general plant equipment, etc., where bearings operate under high heat, high load and under 1800 R.P.M.'S.

The OCR-23 and 0-23 greases are probably the best ANTI-WEAR greases on the market today, from the standpoint of cost and performance. They replace and EXCEED the Inorganic (Black) Moly greases.